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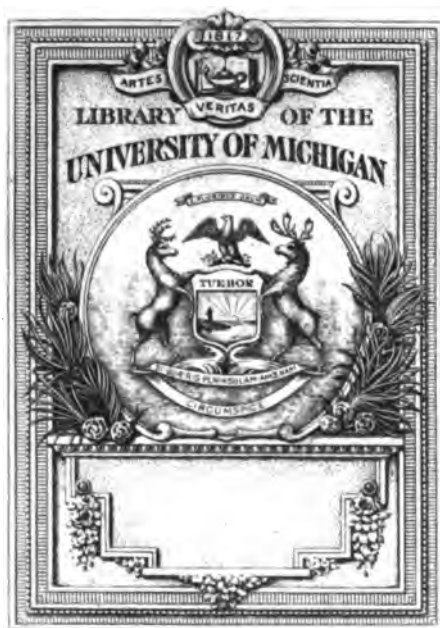
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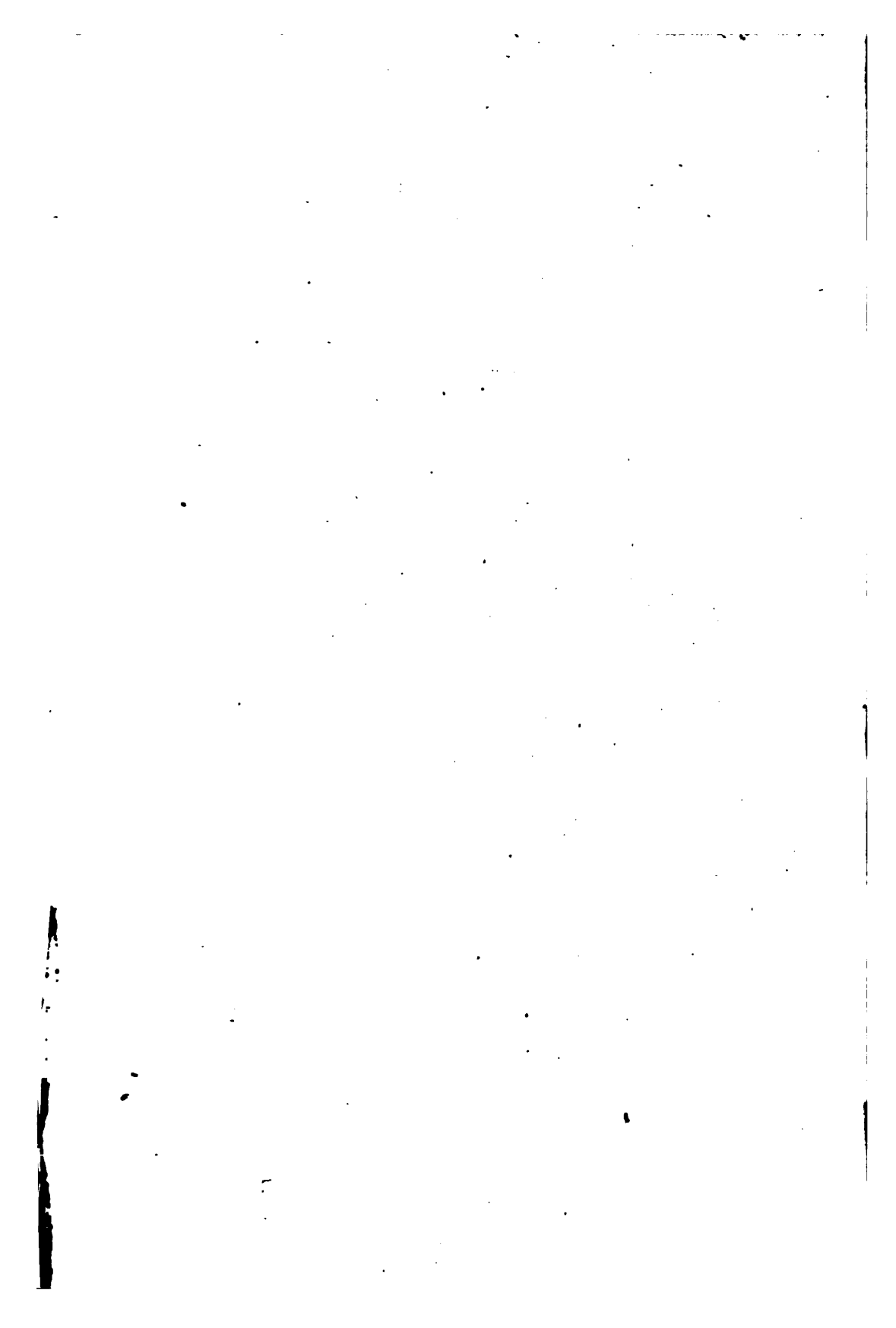
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LEGISLATIVE DOCUMENTS

SUBMITTED TO THE

Thirty-first General Assembly

OF THE

STATE OF IOWA

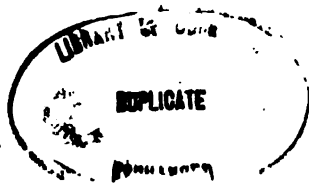
Which Convened at Des Moines, January 8, 1906.

ALBERT B. CUMMINS,	- - - - -	Governor
JOHN HERRIOTT,	- Lieutenant Governor and President of the Senate	
W. B. MARTIN,	- - - - -	Secretary of State
B. F. CARROLL,	- - - - -	Auditor of State
G. S. GILBERTSON,	- - - - -	Treasurer of State
JOHN F. RIGGS,	- - Superintendent of Public Instruction	
CHARLES W. MULLAN,	- - - - -	Attorney-General
GEORGE W. CLARKE,	- Speaker of the House of Representatives.	

VOLUME III.

DES MOINES:
BERNARD MURPHY, STATE PRINTER,
1906.

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VOLUME I.

Message.
Inaugural.
Report of Auditor of State.
Report of Treasurer of State.
Report on Pardons.
Report of Criminal Convictions.
Report of Land Department.
Report of Custodian of Public Buildings.

VOLUME II.

Report of Railroad Commissioners, 1904.
Report of Railroad Commissioners, 1905.
Railway Assessment for 1905.
Railway Assessment for 1906.
Telephone and Telegraph Assessment for 1905.
Telephone and Telegraph Assessment for 1906.

VOLUME III.

Report of Adjutant General.
Report of Attorney-General.
Report of Librarian.
Report of Historical Department.
Report of Historical Society.
Report of State University.
Report of Iowa State College of Agriculture and Mechanic Arts.
Report of State Normal School.

VOLUME IV.

Report of Board of Control.
Report of Fish and Game Warden.
Report of Bureau of Labor Statistics.

VOLUME V.

Report of Superintendent of Public Instruction.
Report of Mine Inspectors.
Report of Pharmacy Commissioners.
Report Veterinary Surgeon.
Rules of Thirty-First General Assembly.
Report of Board of Dental Examiners.
Report of Oil Inspections.
Report of Library Commission.
Reports of Dairy Commissioner for 1904 and 1905.

VOLUME VI.

Insurance Reports for 1905. { Volume I. Fire.
 { Volume II. Life.

VOLUME VII.

Insurance Reports for 1906. { Volume I. Fire.
 { Volume II. Life.

BIENNIAL REPORT

OF THE

ADJUTANT GENERAL

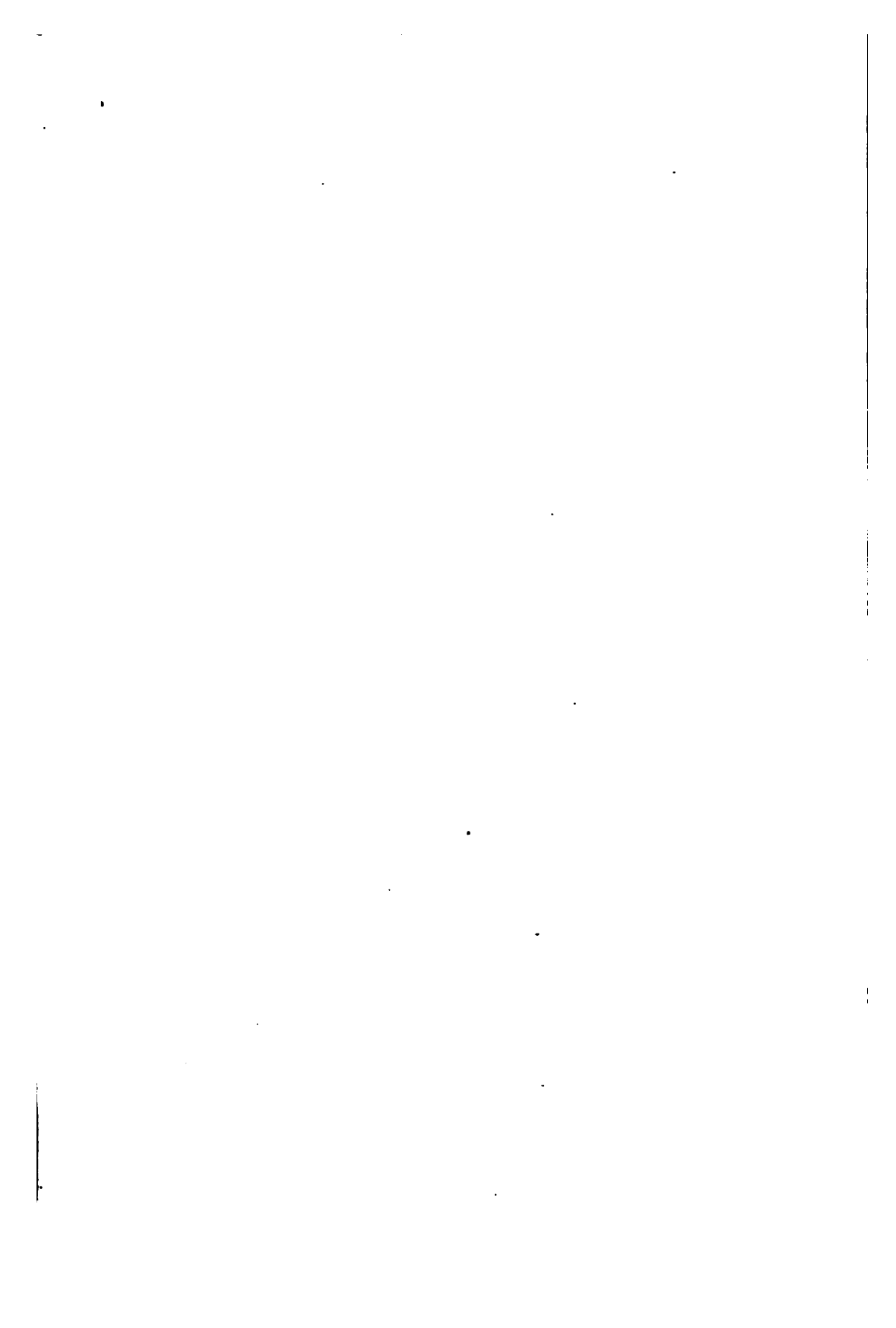
OF THE

STATE OF IOWA.

FOR THE BIENNIAL PERIOD ENDING
NOVEMBER 30, 1905.

PRINTED BY ORDER OF THE GENERAL ASSEMBLY.

DES MOINES:
BERNARD MURPHY, STATE PRINTER.
906.



STATE OF IOWA,
ADJUTANT GENERAL'S OFFICE,
DES MOINES, NOV. 30, 1905. }

To The Honorable Albert B. Cummins, Governor and Commander-in-Chief.

SIR: I have the honor to submit herewith my report as Adjutant General and Acting Quartermaster General, for the biennial period ending November 30, 1905.

The time covered in this report is from November 30, 1903, to November 30, 1905.

On February 1, 1905, it was my pleasure to receive from Your Excellency, my commission as Adjutant General, therefore much of this report will of necessity embrace the acts of my predecessor, General Melvin H. Byers, late Adjutant General, to whom I am indebted for many courtesies. Also to Major John T. Hume, Assistant Adjutant General, retired. It is due these officers that I express to them the appreciation of the Iowa National Guard for their long and faithful services.

MILITIA.

The number of persons subject to military duty in the State as shown by the returns of county auditors on file in this office, is as follows:

For the year 1904	313,504
For the year 1905	329,683

THE IOWA NATIONAL GUARD.

Consists of four regiments of Infantry of twelve companies, to the regiment, divided into three battalions of four companies, and one Signal company.

Total strength of the Guard commissioned and enlisted on November 30, 1905, 2,800, a gain of 250 over last biennial report.

Fifty-third Infantry, commanded by Colonel William G. Dows, Cedar Rapids.

Fifty-fourth Infantry, commanded by Colonel Frank W. Bishop, Muscatine.

Fifty-fifth Infantry, commanded by Colonel James Rush Lincoln, Ames.

Fifty-sixth Infantry, commanded by Colonel William B. Humphrey, Sioux City.

First Signal Company, First Lieutenant Joseph D. Liggett, commanding, Des Moines.

ADJUTANT-GENERAL'S REPORT.

MUSTERED OUT SINCE LAST REPORT.

FIFTY-THIRD INFANTRY.

Regimental Band, Marshalltown, October 31, 1904.
Company "D," Charles City, November 30, 1904.
Company "H," New Hampton, April 14, 1905.

FIFTY-FOURTH INFANTRY.

Company "A," Albia, April 15, 1905.

FIFTY-FIFTH INFANTRY.

Company "C," Glenwood, April 30, 1904.
Company "H," Chariton, July 10, 1905.
Company "I," Osceola, May 23, 1905.

FIFTY-SIXTH INFANTRY.

Company "D," Hampton, April 30, 1904.

MUSTERED IN SINCE LAST REPORT.

FIFTY-THIRD INFANTRY.

Regimental band, Waukon, June 9, 1905.
Company "D," Manchester, April 25, 1905.
Company "H," Clinton, April 7, 1905.

FIFTY-FOURTH INFANTRY.

Company "A," Fort Madison, May 5, 1905.

FIFTY-FIFTH INFANTRY.

Company "C," Ames, June 28, 1904.
Company "H," Atlantic, July 17, 1905.
Company "I," Creston, May 25, 1905.

FIFTY-SIXTH INFANTRY.

Company "D," Rock Rapids, June 2, 1904.

ENCAMPMENTS.

The encampments of the Iowa National Guard for the year 1904 were held as provisional brigade camps, under the command of Briga-

dier-General Melvin H. Byers, Adjutant General, on the State camp ground, Des Moines, Iowa, on dates as follows:

Fifty-sixth Infantry, Colonel William B. Humphrey, commanding, and the Fifty-fourth Infantry, Colonel Frank W. Bishop, commanding, from July 14 to 21st, 1904, inclusive.

Fifty-fifth Infantry, Colonel James Rush Lincoln, commanding, and the Fifty-third Infantry, Colonel William G. Dows, commanding, from August 26 to September 2, 1904, inclusive.

The encampments for 1905 were regimental encampments, held on the State camp ground, Des Moines, on dates as follows:

Fifty-sixth Infantry, Colonel William B. Humphrey, commanding, from July 6 to 13, 1905, inclusive.

Fifty-third Infantry, Lieutenant Colonel Hubert A. Allen, commanding from July 15 to 22, 1905, inclusive.

Fifty-fourth Infantry, Colonel Frank W. Bishop, commanding, from July 24 to 31, 1905, inclusive.

Fifty-fifth Infantry, Colonel James Rush Lincoln, commanding, from August 2 to 9, 1905, inclusive.

The reports of regimental commanders with their recommendations on the above camps, are published in this report, and merit the careful consideration of the Guard.

First Signal Company encamped for the year 1904, from August 26th to September 2d, inclusive, with the Fifty-third and Fifty-fifth Regiments. For the year 1905, with the Fifty-fifth Regiment, from August 2d to 9th, inclusive.

INSPECTIONS.

There has been an annual inspection of the Guard by the Inspector General's Department. Also by Major J. A. Olmsted of the United States army, retired, on duty with the Guard, as provided by General Orders No. 71, War Department, series of 1903.

The report of Colonel John R. Prime, Inspector General, is full of valuable information and good suggestions, which merit careful consideration. I recommend that the rating of organizations hereafter be as follows: For those obtaining a marking of 90 per cent or better, to be classed as excellent; those of 75 per cent or better as good; those of 60 per cent or better as fair and those falling below 60 per cent, unsatisfactory and subject to muster out for inefficiency. The reports of Inspectors to show classification only.

It is further recommended that the time for holding the annual inspection of the Guard at the home stations, be changed to the fall months, as the troops will be found in better condition for inspection then than at any other time of the year, and it would greatly lessen the work of company commanders if the inspections were made at that time, when the maximum strength, efficiency in drill and discipline of their companies are at their zenith for the year.

Following the encampments for a month or two, there is a general

lack of interest and a falling off in attendance at drill which is a natural reaction that follows the more active camp service and it is believed if the inspections were made at this time they would stimulate interest and bridge over the time that is now more or less a loss to the service. Holding inspections at the time of year as heretofore, January, February and March has greatly interfered with the work of company commanders in preparing their companies for the annual encampments and for practice on the rifle range. It is now proposed to have a regular course of indoor rifle practice for each company, to begin January 1st and continue up to the time for opening of regular practice season on the range, May 1st. Many of our companies have special prize drills between individual soldiers, squads and platoons which interest their men and have proven to be of very great benefit to the service, and the best time to conduct these drills is in the winter months. All recruiting is discouraged on the part of company commanders until after inspections and as to this they can scarcely be blamed, as every recruit reduces their percentage, therefore the sooner the inspections are held and the recruiting begins, the better it will be for the service in general. There should be as few enlistments as possible after the early part of the year and previous to encampments, and if this can be encouraged and brought about by earlier inspections, we will have accomplished a world of good for the Guard. The weather conditions are more favorable to fall inspections, both in the attendance and convenience in travel for inspecting officers. In the spring months prior to the annual encampments would be a good time to hold these inspections, but it is proposed to use this time for inspections conducted by regimental commanders.

I further recommend that these inspections be made by the United States Army Officers on duty with the Iowa National Guard, or by special detail of an officer from the United States Army, on the active list, assisted by the Majors of the battalions. This would result in a saving of over \$1,000.00 to the Guard fund annually, as the United States Army Officers would be compensated for their services by the general government.

That the markings and grading at these inspections be made by the Army Officer and not given out in advance of their publication in orders from the Adjutant General. That there be an annual inspection of the companies at their home stations by the regimental commanders or by a field officer or officers detailed by them, and it is suggested that these inspections be made just prior to the annual encampments, as the good of the service requires that regimental commanders should have a personal knowledge of the condition of their companies at this time, to assure more efficient work at the camps.

SURGEON GENERAL'S REPORT.

Colonel Wilton McCarthy, Surgeon General, deserves much credit for the advance steps taken by his department. The faithful and

efficient work accomplished by this department can only be fully appreciated when applied to the troops in active service.

RECOMMENDATIONS.

RIFLE RANGES AND INDOOR RIFLE PRACTICE.

To further promote and encourage rifle practice, it is recommended that companies be allowed out of the annual appropriation for the Guard, one hundred dollars per year, for the construction rental and maintenance of company rifle ranges, and for the construction of regimental rifle ranges, five hundred dollars per regiment, and for rent and maintenance of same, two hundred dollars per year.

For indoor rifle practice it is recommended that the State furnish each company with at least one Pope rifle barrel, .22 caliber.

These barrels are the latest invention for indoor rifle practice and the states which have adopted them, recommend them very highly.

This barrel has the same sights and can be adjusted to the stock of the .30 caliber magazine rifle, giving the soldier practically the same rifle for use in both his indoor and outdoor rifle practice.

They have the further advantage of reducing the expense for ammunition to the minimum, a saving that would more than pay for the cost of the barrels in one year.

ARMORY RENT.

The present maximum allowance for armory rent for companies and bands, three hundred dollars per year, is ample for bands, but not enough for companies. The large amount of floor space required for drill, and rooms for care of military property, necessitate larger armories than can be secured for the small rental of twenty-five dollars per month. This armory question is one of vital importance to the Guard, and should be met by a liberal appropriation from the State. I therefore most earnestly recommend that there be allowed each company annually for armory rent, lights, water, fuel and janitor services, the sum of six hundred dollars.

COMPETITION IN RIFLE PRACTICE.

Special attention is called to the reports of Lieutenant-Colonel Thomas F. Cooke, Acting General Inspector of Small Arms Practice, in relation to the Iowa Rifle Team in the National Competition at Sea Girt, New Jersey, and Fort Riley, Kansas.

The National Competition in rifle practice was inaugurated three years ago by Act of Congress to encourage rifle practice in the Army, Navy and National Guard of the various states. The first Annual Competition was held at Sea Girt, N. J., in 1903. The second at Fort Riley, Kansas, in 1904, and the third at Sea Girt, N. J., in 1905. At the first competition nine Army, Navy and National Guard

teams competed. The second year eighteen teams competed, and the third year thirty-seven teams competed, the account of which is given in Colonel Cooke's report.

The concensus of opinion is that these competitions have greatly aided and stimulated rifle practice throughout the country.

The Iowa National Guard should be put on an equal footing with other states by ample appropriation to cover expenses preparing for, and taking part in these competitions.

Further attention is directed to the report of Colonel W. H. Evans, General Inspector of Small Arms Practice for the year 1905, and the report of Colonel W. E. H. Morse, late General Inspector of Small Arms Practice for the year 1904.

That there may be more harmony, unity of action, and greater development in rifle firing, it is recommended that there be an annual competition by regiments, between company teams of five men from each company on regimental rifle ranges under the direction of regimental commanders or such officers as they may detail, assisted by the officer of the small arms practice department assigned to their command. This would open the way for regimental commanders to include instruction as well as competition at these meetings, which has been the expressed desire of some of our regimental commanders. All trophies could be competed for as now, except those competed for by regimental teams. At the close of the regimental meeting or competition, regimental teams of twelve men and three alternates to be selected to represent the regiment in State competition between the regimental teams of the entire guard, and from those competing at the State competition to be selected the State rifle team of twelve men and three alternates to represent the State in National Competition for that year. All competitions to be closed in time for the State team to have practice together before the National Competition begins, that they may perfect themselves in team work before participating in the National Competition.

REGIMENTAL AND COMPANY CLERK HIRE.

The paper work as now required of the regimental and company commanders, under the increasing demands of the service, has become so burdensome that the State has lost the service, by resignation, of many of her best officers, and for the State to longer require this service without some compensation, would be a great injustice to these officers. It is therefore recommended that regimental and company commanders be allowed annually for clerk hire, postage, stationery and other necessary expenses in their offices, the sum of one hundred dollars, to be paid semi-annually.

STAFF.—COMMANDER-IN-CHIEF.

That the staff of the Commander-in-Chief be selected from the officers of the Iowa National Guard.

The Adjutant General to be appointed by the Governor.

The Assistant Adjutant General on the recommendation of the Adjutant General, appointed by the Governor.

The remainder of the staff to be filled by detail from officers of the Guard by the Commander-in-Chief. Detailed officers so serving to retain former rank and assignment.

ELECTIONS.

That field officers be elected by vote of the line officers of their regiments.

BOARDS.

That military examining boards, for examining officers for commission, be appointed for a period of not less than one year.

RE-ENLISTMENTS.

That the time for re-enlistment to make service continuous, be extended to ninety (90) days.

PRACTICE MARCHES.

That in place of the annual encampments for the year 1906, there be practice marches, combined with such maneuvers as the terrain of the country marched over would permit.

The regiments to be mobilized at a central point in their respective territories and from there the march to begin, and end at a point having ample railroad facilities for the return of the troops to their home stations. Troops to be reviewed by the Commander-in-Chief on the last day completing tour of duty.

Section 18, Militia Act of January 21, 1903, reads as follows:

"That each State or Territory furnished with material of war under the provisions of this or former acts of Congress shall during the year next preceding each annual allotment of funds, in accordance with section 1661 of the Revised Statutes as amended, have required every company, troop, and battery in its organized militia not excused by the Governor of such State or Territory to participate in practice marches or go into camp of instruction at least five consecutive days."

* * * * *

SERVICE BADGES.

That service badges be awarded for long and faithful service, and to encourage continuous service in the Iowa National Guard. It is recommended that the State furnish, at the cost of the State, service badges to be given to officers and enlisted men who have served in the military service of the State for five or more years.

For five years' service, a "silver badge," and for each five years'

service thereafter, including twenty years, a "silver bar" to be attached to the five-year badge, and for twenty-five years or longer service a "gold badge." The design and selection of badges to be made by a committee of officers, appointed by the Governor.

SCHOOLS OF INSTRUCTION.

That a school of instruction for officers be held annually at such time and place as will be most convenient for all concerned. That officers be required to attend, the State paying transportation, subsistence and quarters, but no per diem.

PAY FOR OFFICERS' UNIFORM.

The Military Code of Iowa provides that all commissioned officers of the Guard "Shall provide themselves with the uniform prescribed within ninety days from date of commission." It costs our officers to uniform under this provision of the law, from one hundred to one hundred and fifty dollars each, according to rank. This expense has caused many of our most capable young guardsmen to refuse commission. The door to promotion in the Guard should be open alike to all. There should be no discriminations in the law, orders or regulations that would act as a bar to any competent member of the Iowa National Guard from holding or accepting commission. The State should at least provide for a part of the expense of uniforming Guard officers. I therefore most earnestly recommend that all officers of the Iowa National Guard be allowed annually the sum of fifteen dollars for uniforms furnished by them as required by regulations. Said payments to be made the officer at the end of each full year's service under commission.

LOSSES, CAUSES AND REMEDY.

Attention is called to the publication in this report of a table giving the losses by resignation and discharge, which gives a percentage of loss that is alarming and discouraging to those interested in the future welfare of the Guard. It is believed that in the adoption of the foregoing recommendation there will be found a remedy, providing there is greater care exercised on the part of company commanders in making enlistments. Every recruit before enlistment, should have explained to him all that is required of him under his enlistment, and unless the applicant can satisfy the recruiting officer of his ability to carry out in good faith all the conditions of his enlistment, he should then be rejected. When enlisted he should be held for the full term of his service, unless sooner discharged for good and sufficient reasons.

There has been too much laxity in the discharge of men. Failure to attend drill or a neglect of other military duties should be met with such discipline as would ordinarily correct such unsoldierly conduct, and if still persisted in, the soldier should then be dishonorably discharged from the service and said discharge should be a bar against his future enlistment in the Guard or holding commission in the military service of the State, or in the militia or volunteer service with Iowa troops.

The names of all dishonorable discharged soldiers should be published in General Orders and promulgated to the Guard, and there should be a record kept in the Adjutant General's office of all such discharged soldiers.

**ESTIMATE OF ANNUAL APPROPRIATION REQUIRED FOR THE
SUPPORT OF THE IOWA NATIONAL GUARD FOR
THE FISCAL YEAR 1907.**

Armory drill pay	\$20,000.00
Armory rent, light, fuel and janitor service	30,600.00
Clerk hire for regimental and company commanders.....	5,300.00
Postage, staff departments	200.00
Examining boards and expenses of candidates.....	1,100.00
Inspection by U. S. Army Officer, Regt. Commanders and Battalion Commanders	1,200.00
Inspection of company rifle ranges by Inspectors S. A. P.....	375.00
Physical examinations	750.00
Clerk hire Adj. Gen'l's. Office.	2,800.00
Miscellaneous expenses Adj. Gen'l's. Office.....	500.00
Telegraphing, telephone Arsenal and toll calls.....	150.00
Express and freight Q. M. Department	2,000.00
Cleaning and repairing clothing and tentage	500.00
Miscellaneous for administration of Guard.....	500.00
Extra help required in Q. M. Department.....	100.00
Pay of troops, Annual Encampment	36,800.00
Subsistence Annual Encampment.....	3,600.00
Transportation Annual Encampment	8,000.00
Fuel for Annual Encampment	225.00
Ice for Annual Encampment	225.00
Medical supplies for Annual Encampment	60.00
Horse hire, feed and care.....	300.00
Expenses and entertainment Commander-in-Chief and Staff at Annual Reviews.. ..	400.00
Street car transportation, Annual Encampment.....	200.00
Interurban freight, Annual Encampment.....	200.00
Miscellaneous expenses, Annual Encampment.....	1,000.00
Officers' School, pay, transportation and subsistence.....	1200.00
Rent and maintenance rifle range	7,700.00
Company indoor rifle practice	1,500.00
Transportation regimental ranges	400.00
Pay troops at regimental ranges	2,240.00
Subsistence regimental ranges	300.00
Miscellaneous expenses rifle range camps.....	500.00
Transportation of Regimental teams to State Range.....	200.00
Subsistence teams at State Range.. ..	160.00
Pay of teams and headquarter details State Range.....	730.00
State team pay preliminary practice.....	350.00
Subsistence, State team preliminary practice.....	50.00
Transportation, State team to National competition.....	756.00
Pay of team at National competition.....	910.00
Subsistence team at National competition	382.00
Ammunition and supplies for target practice.....	10,000.00
Uniforms, arms and equipment	20,000.00
Books, text, for use of Guard.....	500.00
Service badges and bars	200.00
Officers uniform allowance	3,240.00
Total.....	\$168,403.00

Appropriation to meet the above expenses are as follows:	
Balance to the credit of the State with the United States under	
Section 1661, R. S.....	\$ 16,730.55
Credit under Act of March 2, 1903.....	14,165.57
To credit of Disbursing Officer Iowa National Guard.....	9,018.48
State apportionment from the General Government for the	
fiscal year 1907, based on the apportionment for the	
fiscal year 1906	25,932.01
Total U. S.....	\$ 65,846.61
Annual State appropriation	70,000.00
Total U. S. and State.....	\$135,846.61
Annual estimate expenses as above.....	\$168,403.00
Appropriation to meet same.....	135,846.61
Leaves unprovided deficit of.....	\$ 32,556.39

INCREASED APPROPRIATIONS.

The recent legislation by Congress in the passage of what is known as the "Dick Bill" to promote the efficiency of the militia and for other purposes has made it incumbent on the States to change their militia laws to conform to the requirements of this act.

That Iowa may be fairly compared with other States in the administration and support of her Guard, I most earnestly recommend legislation along the lines above suggested as necessary to meet present and future conditions and that the State appropriation for the Guard be increased to one hundred thousand dollars per annum, as it has been shown by the above estimates that the present annual appropriation of seventy thousand dollars is not sufficient to meet the requirements of the service.

For the the purpose of comparison and to show what other States are doing for their Guards, I have carefully tabulated from data furnished me by Adjutant Generals, the following table, giving the strength of guard and State appropriations apportioned to the individual members.

State	Strength	Appropriation	Per man
California	3,603	\$252,332.00	\$70.00
Massachusetts	6,608	375,000.00	55.23
Wisconsin ..	2,903	140,000.00	48.00
Minnesota	1,837	80,000.00	43.54
Washington State	879	37,600.00 (1)	42.75
Pennsylvania	9,553	405,000.00 (2)	42.40
Michigan	3,208	131,000.00	40.00
Rhode Island	1,339	54,300.00	40.00
Ohio	6,149	244,000.00	39.68
Illinois	6,926	276,000.00	39.00
New Jersey	4,711	186,960.00	38.60
Delaware	350	13,000.00	37.00
Colorado ..	1,111	40,000.00	36.00
Oregon	1,326	45,000.00	33.86
Indiana	2,278	75,000.00	32.48
New York	14,433	467,400.00 (3)	32.38
Kansas	1,403	43,200.00	30.78
Maryland	2,007	60,000.00 (4)	29.89
Iowa.....	2,800	70,000.00	25.00

(1). The State of Washington in addition makes special appropriation for Armories of \$68,550.00.

(2). Pennsylvania makes additional appropriation for uniforming her officers, \$40.00 for mounted officers and \$30.00 for unmounted officers each, per year.

(3). New York, armory rent not included.

(4). Maryland will ask her next Legislature for an appropriation of \$100,000.00.

By comparing Iowa's present appropriation of \$70,000.00 with the appropriations of the other States, it will be found that Iowa is at the foot of the list.

If Iowa should increase her appropriation to \$100,000.00, the amount asked for by the Guard, she would then only equal Illinois and fall below Indiana, Michigan, Minnesota and Wisconsin, States which Iowa aims to keep abreast of in public matters.

From this showing it is evident that the Iowa National Guard is not unreasonable in her request for an increased appropriation.

PROPOSED MILITIA LEGISLATION BY CONGRESS.

The proposed bill for increasing the efficiency of the militia to be introduced in Congress, approved by the Inter-State National Guard Association in convention at St. Paul, June, 1905.

Amending section 1661 of the Revised Statutes increasing the annual appropriation for the militia to two million dollars to be apportioned among the several States according to the number of Senators and Representatives in Congress and to the Territories and District of Columbia under such regulations as the President may prescribe. Providing that no State shall be entitled to the benefits of the appropriation unless the number of its regularly enlisted, organized and uniformed active militia shall be at least one hundred men for each Senator and Representative to which such State is entitled in the Congress of the United States.

The bill enlarges the uses for which said appropriation is available for the support of the militia. Also provides for Board of Survey to relieve the States of responsibility for lost or destroyed property and for unserviceable or unsuitable property. That this bill should receive the favorable consideration of Congress and become a law, is of vital importance to the Iowa National Guard.

The "Army War College" has under consideration, the feasibility of a plan looking to the organization of a "Militia Reserve" having for its object to promote rapid recruitment to the required war strength from ex-members of the organized militia.

I believe a Militia Reserve organized along the right lines liberally supported by the general Government, would be beneficial to the Iowa National Guard and I have so recommended to the War Department.

STATE CAMP GROUNDS.

The State now owns a quarter section of land adjoining the Fort Des Moines Military Reservation, five and a quarter miles south of the city of Des Moines, where the annual encampment for the years 1904 and 1905 were held. The improvement of these grounds for

military uses has so far been temporary, as funds available for that purpose were limited. The grounds have been seeded with view to having the entire tract in grass. A one-story frame building 30x48 feet has been constructed, for storage of quartermaster and commissary stores for use of troops in camp, and for the housing of the tents and other camp equipage, when not in use for camp purposes, which was necessary to save expense of moving this property to and from the Arsenal in the city. A temporary building with shower baths and a few other smaller buildings have been constructed. These grounds were purchased by the State for the use of the Iowa National Guard as a place for holding their annual encampments and other military purposes—a generous act on the part of the State in response to an earnest appeal on the part of the Guard.

Attention is called to the reports of the regimental commanders and Inspector General on the Encampments for the year 1905, in which they raise certain objections to the further use of the present State Camp Grounds.

I am decidedly in favor of State Camp Grounds, and believe it would be a serious mistake should the Guard return to the old system of holding their encampments in regimental districts, as has been suggested. This question is of such vital importance to the Guard, that it demands careful and thoughtful consideration before any definite action is taken, or additional expenses are incurred in the way of permanent improvements on the present State Camp Grounds.

I therefore recommend that this matter be referred to a joint committee composed as follows:

Four to be members of and appointed by our next Legislature, and four from the officers of the Iowa National Guard, appointed by the Governor, the committee empowered to make such investigation as will enable them to arrive at a just and fair conclusion of this matter, and report their findings with recommendations to the Legislature for their action.

I am not in favor of holding the encampments for 1906 on the State Camp Grounds in their present condition, as their use would damage the new growth of grass and prevent the forming of a perfect sod. Also for the reason that their use without additional improvements would complicate matters. For these reasons, together with an earnest desire on the part of quite a number of the Guard officers, I have recommended that practice marches combined with maneuvers take the place of the annual encampments for the year 1906. A practice march would be a change, that would be popular with the Guard, and would serve the special purpose of developing the Guard along other lines that would be required in active service, not obtainable at the annual encampments. The National Guard as a whole is no different from the individual company in this, that they require diversity in their military training in order to keep up the required interest, and no one realizes this fact more than our company commanders, who I believe will heartily approve of the change.

WAR RECORDS.

The Adjutant General's Department, being the natural custodian of all official records, reports and files pertaining to the services of Iowa Volunteers in the Civil War and Spanish-American War, as well as those of the State Militia during the years of the Civil War, is constantly in receipt of requests from ex-soldiers, their widows or sons and daughters for certificates of military service or data in connection with such service, to enable them to prosecute claims for pension, homestead and additional homestead, or to procure admission to Soldiers' Homes or Grand Army Posts.

The State has wisely provided a Record Clerk in this Department, which position is now held by Thos. L. Stephens, a veteran of the Civil War, who has performed his duties to the entire satisfaction of this department, and who has charge of all these old, sacred records and archives, and to whom is turned over these inquiries and requests of the veterans and their friends, together with all requests coming from societies, associations, officials and individuals for data of an historic character in connection with the services of Iowa Volunteers and militia men.

It is the policy of this office to give careful attention to every such inquiry, to make painstaking search through records and files for the information requested, and to furnish such information to those requesting it as completely and promptly as possible.

Forty years have past since the close of the Civil War, in which Iowa baptized with the blood of her noble sons and sealed forever the State's loyalty to the Union. There is not a man or woman in the great State of Iowa, but feels a just pride in her soldier boys of the Civil War and with open arms would do them honor.

That the record of these brave men has not been compiled for present reference and future history, is a mistake, which the State should hasten to rectify. I therefore recommend that a commission be created by Act of Legislature to compile and publish a complete roster of the Iowa Volunteers in the Civil War, and all other Wars in which Iowa took part, said roster to include the individual service record of each officer and soldier, giving name, rank, residence, when enlisted, service rendered, re-enlistment, promotions, final discharge and present postoffice address when obtainable.

A roster of this kind is needed to meet the constant inquiries made at the Adjutant General's Office pertaining to soldiers' records but aside from this, the State owes it to herself, that the services of her soldiers, so loyally rendered, be preserved for future generations.

Iowa is one of the few States who have not compiled rosters similar to the one above suggested.

ARMS AND EQUIPMENTS.

Under my administration additional arms and equipments have been issued the Guard as follows:

Two hundred and forty-five (245) U. S. Magazine Rifles with bayonets and equipments, increasing the armed force from 40 to 45 to a company, making total armed 2205.

The First Signal Company has been issued the U. S. Magazine Carbine, with additional equipments for its special line of service.

Two thousand five hundred and seventy-eight shelter tent halves with poles, pins and blanket straps have been issued in place of the old antiquated blanket bags.

UNIFORMS.

Recent issues of uniforms are as follows:

Olive drab shirts, 2,500.

Dress caps (blue), 2,630.

Blue blouses to fill out old issue, 300.

Canvas leggins, 2,630.

Campaign hats, 1,500.

We have the promise of the Quartermaster General of the Army that the Iowa National Guard shall be issued the new regulation blue dress coats in time for use at our annual encampments for 1906.

The system of keeping records and other methods used in the conduct of the Adjutant General's Office, I have changed somewhat to more modern methods. We are now inaugurating the card index system, which is believed will be a decided improvement over the old system. This change will necessitate much extra work, and can only be accomplished with present office force by working overtime.

I am indebted to Major J. A. Olmsted, U. S. Army (retired), on duty with the Iowa National Guard for assistance rendered, able counsel and advise.

I have been ably assisted by Major Guy E. Logan, Assistant Adjutant General in the administration of this office, together with the efficient office force under me.

In conclusion, Governor, I am under very great obligations to you personally, for wise counsel and valuable advice. Your earnest desire for the welfare of the Guard has been an inspiration to me.

Your obedient servant,

W. H. THRIFT,
Adjutant General.

List of Adjutant Generals of Iowa.

Roster of Officers of Iowa National Guard.

Officers Retired since last Biennial Report.

Summary of Disbursements of National Guard Fund.

Summary of Disbursements of Arsenal Rent Fund.

Statement of Gray Uniform Fund.

Statement of Permanent Camp Ground Fund.

Report of Inspector General, Iowa National Guard.

Report of Surgeon General and Medical Department.

Reports of Regimental Commanders.

List of Regimental Flags in Custody of Adjutant General.

Number of Persons liable to Military Duty by counties.

List of Officers Commissioned and Re-Commissioned.

List of Officers lost from service by expiration of commission and resignation.

Table showing gain of enlisted men.

Table showing loss of enlisted men.

Return of Ordnance and Quartermaster stores.

ADJUTANT GENERALS OF IOWA.

Daniel S. Lee, Lee county, appointed April 3, 1851.

George W. McCleary, Louisa county, appointed May 16, 1855.

Elijah Sells, Muscatine county, appointed January 15, 1857.

Jesse Bowen, Johnson county, appointed January 18, 1858.

Nathaniel B. Baker, Clinton county, appointed July 25, 1861, and served until September 13, 1876, date of death.

John H. Looby, Clarke county, appointed Oct. 1, 1876.

Noble Warwick, Lee county, appointed June 27, 1878.

William L. Alexander, Lucas county, appointed September 1, 1878, resigned October 9, 1889, to accept commission in United States army.

Byron A. Beeson, Marshall county, appointed October 9, 1889, resigned May 1, 1890.

George Greene, Linn county, appointed May 1, 1890.

John R. Prime, Polk county, appointed February 1, 1894.

Henry H. Wright, Appanoose county, appointed February 1, 1896.

Melvin H. Byers, Mills county, appointed February 1, 1898.

William H. Thrift, Dubuque County, appointed February 1, 1905.

ROSTER OF IOWA NATIONAL GUARD.

COMMANDER-IN-CHIEF:

HIS EXCELLENCY, ALBERT B. CUMMINS.

GOVERNOR OF IOWA.

Inaugurated January 16, 1902.

Inaugurated January 14, 1904.

STAFF OF THE COMMANDER-IN-CHIEF.

Adjutant-General and Acting Quartermaster General.

Brigadier. General William H. Thrift, Des MoinesFebruary 1, 1903

Assistant Adjutant General.

Major Guy E. Logan, Des MoinesApril 1, 1903.

Quartermaster-General.

Colonel John C. Loper, Des MoinesFebruary 1, 1902

Inspector-General.

Colonel John R. Prime, Des MoinesFebruary 1, 1902

Commissary-General.

Colonel Hugh B. Hedge, Des MoinesFebruary 1, 1902

Surgeon-General.

Colonel Wilton McCarthy, Des MoinesFebruary 1, 1902

Judge Advocate-General.

Colonel Chas. G. Saunders, Council BluffsFebruary 1, 1902

General Inspector Small Arms Practice.

Colonel Wm. H. Evans, Red OakOctober 12, 1903

Chief of Engineers.

Colonel Chas. J. Wilson, WashingtonMay 1, 1903

Chief Signal Officer.

Colonel Charles S. Crall, FairfieldFebruary 1, 1902

Military Secretary.

Major Joe Beeson, OskaloosaFebruary 1, 1902

Aids.

Colonel I. B. Santee, DanburyFebruary 1, 1902

Colonel Truman A. Potter, Mason CityFebruary 1, 1902

Colonel Charles E. Mitchell, MarionFebruary 1, 1902

Colonel A. A. Penquite, ColfaxFebruary 1, 1902

Colonel Walter M. Davis, Iowa CityFebruary 1, 1902

Colonel Charles W. Bopp, HawkeyeFebruary 1, 1902

Colonel Herbert M. Bigelow, Grundy CenterFebruary 1, 1902

ADJUTANT-GENERAL'S REPORT.

ADJUTANT-GENERAL'S DEPARTMENT.

Adjutant-General.

Brigadier-General William H. Thrift, Des MoinesFebruary 1, 1905

Assistant Adjutant-General.

Major Guy E. Logan, Des MoinesApril 1, 1905

INSPECTOR GENERAL'S DEPARTMENT.

Inspector-General.

Colonel John B. Prime, Des MoinesFebruary 1, 1902

Assistant Inspector-General.

Major Frank E. Lyman, Jr., Des MoinesJune 7, 1904

SURGEON GENERAL'S DEPARTMENT.

Surgeon-General.

Colonel Wilton McCarthy, Des MoinesFebruary 1, 1902

Deputy Surgeon-General.

Lieutenant Colonel Van Buren Knott, Sioux City,May 25, 1905

Surgeons.

Major Charles S. Grant, RiversideMay 20, 1904

Major Daved S. Fairchild, Jr. ClintonMay 8, 1905

Major Donald Macrae, Jr., Council BluffsJuly 22, 1903

Major D. Arthur Jay, EldonMay 8, 1903

Assistant Surgeons.

Captain Edward L. Martindale, ClintonMay 8, 1905

Captain Wilber S. Conkling, Des MoinesMay 8, 1905

Captain Elliott R. King, West LibertyMay 20, 1904

Captain Albert B. Deering, BooneMay 8, 1905

First Lieutenant Pierre McDermid, FontanelleJuly 23, 1903

First Lieutenant George M. Middleton, DavenportMay 25, 1904

First Lieutenant Charles S. Krause, Cedar RapidsMay 8, 1905

First Lieutenant Amos Horner, Polk CityMay 8, 1905

INSPECTOR SMALL ARMS PRACTICE DEPARTMENT.

General Inspector.

Colonel Wm. H. Evans, Red OakOctober 12, 1905

*Assistant General Inspector.**Inspectors.*

Captain Will F. Smith, Webster CitySept. 29, 1904

Captain Lloyd D. Ross, Red OakApril 27, 1903

Captain Edwin S. Geist, WaterlooApril 17, 1904

Captain H. C. Armstrong, BakeOctober 7, 1904

ENGINEER DEPARTMENT.

Chief of Engineers.

Colonel C. J. Wilson, WashingtonMay 1, 1903

Engineer.

Lieutenant Seth Dean, GlenwoodMarch 8, 1901

SIGNAL DEPARTMENT.

Chief Signal Officer.

Colonel Charles S. Crall, FairfieldFebruary 1, 1902

First Signal Company.

First Lieutenant Joseph D. LiggettDecember 27, 1904

FIFTY-THIRD INFANTRY.

Organized as a twelve company regiment by General Orders No. 8, A. G. O. April 18, 1892, by transfer of companies from the First, Fourth and Sixth Regiments. Mustered into the United States service War with Spain as the 49th Iowa Infantry Volunteers, June 2, 1898. Mustered out of the United States service at Savannah, Georgia, May 18th, 1899. Completed re-organization as 49th Regiment Iowa National Guard, March 26th, 1900. Number designation changed to 53d Infantry by General Orders No. 19, A. G. O. November 26th, 1902.

Headquarters at Cedar Rapids.

Name.	Rank.	Residence.	Date of Commission.
William G. Dowa..	Colonel	Cedar Rapids	March 26, 1905
Hubert A. Allen..	Lieutenant Colonel	Independence	May 8, 1905
Frank R. Fisher..	Major	Waterloo	March 26, 1905
Louis J. Rowell...	Major	Tipton	March 26, 1905
Elisa C. Johnson..	Major	Maquoketa	June 5, 1905
Albert M. Jaeggi..	Capt. and Adjutant.	Dubuqua	April 11, 1905
George A. Evans..	Capt. and Q. M....	Cedar Rapids	July 9, 1905
	Capt. and Coms...		
Charles S. Grant..	Maj. and Surgeon..	Riverside	May 20, 1904
E. L. Martindale..	Capt. & Asst. Surg.	Clinton	May 8, 1905
Charles S. Knapp..	1st Lt. & Asst. Surg.	Cedar Rapids	May 8, 1905
Edwin S. Gault...	Capt. & I. S. A. P.	Waterloo	April 17, 1904
Oscar H. L. Mason	Capt and Chaplain.	Boone	July 9, 1905
Frank K. Hahn...	1st Lt. & Bat. Adjt.	Cedar Rapids	June 15, 1902
Carl H. Fradden...	1st Lt. & Bat. Adjt.	Ackley	July 22, 1902
George W. Sanders	1st Lt. & Bat. Adjt.	Vinton	Feby. 3, 1903

BAND STATIONED AT WAUKON.

CHIEF MUSICIAN, BENJAMIN O. MARSH, DEBORAH.

FIRST BATTALION.

MAJOR FRANK E. SMITH, *Commanding*.

FIRST LIEUTENANT FRANK K. HAHN.

COMPANY "B" WATERLOO.

Name.	Rank.	Residence.	Date of Commission
Charles W. Cotton	Captain	Waterloo	February 7, 1905
J. H. Hildebrand..	First Lieut	Waterloo	December 30, 1904
Fred L. Fisher....	Second Lieut	Waterloo	December 30, 1904

COMPANY "G", VINTON.

James E. Whipple.	Captain	Vinton	September 21, 1904
Clyde H. DeAcres.	First Lieut	Vinton	December 14, 1903
Holland M. Scott..	Second Lieut	Vinton	December 14, 1903

COMPANY "L", INDEPENDENCE.

Ray A. Campbell...	Captain	Independence	June 16, 1902
Ray A. Cook.....	First Lieut	Independence	July 24, 1903
E. M. Sheehan....	Second Lieut	Independence	June 16, 1902

COMPANY "D", MANCHESTER.

Harry G. Utley...	Captain	Manchester	April 25, 1905
Jesse O. Young....	First Lieut	Manchester	April 25, 1905
Jesse G. Lewis....	Second Lieut	Manchester	April 25, 1905

ADJUTANT-GENERAL'S REPORT.

SECOND BATTALION.

MAJOR LOUIS J. ROWELL, *Commanding.*FIRST LIEUTENANT CARL E. FRUDDEN, *Adjutant.*

COMPANY "F", TIPTON.

Name.	Rank.	Residence.	Date of Commission.
John E. Bartley...	Captain	Tipton	June 1, 1905
A. M. McCormick...	First Lieut	Tipton	October 1, 1901
W. W. Aldrich....	Second Lieut	Tipton	December 8, 1901

COMPANY "C", CEDAR RAPIDS.

T. A. Berkebile....	Captain	Cedar Rapids	November 25, 1904.
	First Lieut		
John F. Bau.....	Second Lieut	Cedar Rapids	September 10, 1903

COMPANY "H", CLINTON.

Louis E. Schmitt..	Captain	Clinton	April 7, 1905.
F. A. Burdick....	First Lieut	Clinton	April 7, 1905
Levi F. Swaney...	Second Lieut	Clinton	April 7, 1905

COMPANY "K", TOLEDO.

Fred Dragoun....	Captain	Toledo	October 24, 1905
E. H. Reichmann..	First Lieut	Toledo	October 24, 1905
	Second Lieut		

THIRD BATTALION.

MAJOR ELZA C. JOHNSON, *Commanding.*FIRST LIEUTENANT GEORGE W. SANDERS, *Adjutant.*

COMPANY "I", WAUKON.

Name.	Rank.	Residence.	Date of Commission
N. Colsch, Jr.	Captain	Waukon	February 8, 1905
A. S. Bowen	First Lieut	Waukon	March 8, 1904
H. C. Johnson	Second Lieut	Waukon	August 9, 1905.

COMPANY "E" CRESCO.

Carl W. Reed	Captain	Cresco	June 23, 1902
F. G. Brooks	First Lieut	Cresco	June 23, 1902
J. L. Scripture ...	Second Lieut	Cresco	June 23, 1902

COMPANY "A", DUBUQUE.

C. P. Skemp	Captain	Dubuque	April 10, 1905
A. A. Agard	First Lieut	Dubuque	April 10, 1905
C. H. Wunderlich..	Second Lieut	Dubuque	April 10, 1905

COMPANY "M", MAQUOKETA.

G. M. Johnson ...	Captain	Maquoketa	June 12, 1905
Gene J. Jensen ...	First Lieut	Maquoketa	June 12, 1905
E. W. DeFratis ...	Second Lieut	Maquoketa	June 12, 1905

FIFTY-FOURTH INFANTRY.

Organized as a twelve company regiment by General Orders No. 8, A. G. O. April 18, 1892, by transfer of companies from the First, Second and Third Regiments. Mustered into the United States Service, War with Spain, May, 17, 1898. Mustered out United States Service at Camp McKinley, Des Moines, November 30th, 1898. Completed re-organization as the 50th Regiment, Iowa National Guard, March 20th, 1899. Number designation changed to 54th Infantry by General Orders No. 19, A. G. O. November 26th, 1902.

Headquarters at Muscatine.

Name.	Rank.	Residence.	Date of Commission.
Frank W. Bishop..	Colonel	Muscatine	March 20, 1904
Elliott E. Lambert.	Lieut. Colonel	Newton	May 2, 1904
F. E. Wetherell...	Major	Des Moines	March 16, 1903
R. P. Howell.....	Major	Iowa City	March 20, 1904
F. S. Holsteen....	Major	Burlington	June 30, 1904
C. U. Frack.....	Capt. and Adjt. ...	Muscatine	March 23, 1904
Harry Kern.....	Capt. and Q. M....	Muscatine	March 29, 1904
Stanley Miller....	Capt. and Coms'y ..	Washington	May 8, 1905
D. B. Reichard Jr..	Major and Surg...	Clinton	December 24, 1903
A. B. Deering....	Capt. & Asst. Surg.	Boone	May 8, 1905
G. M. Middleton...	1st. Lt. & Asst. Surg.	Davenport	May 25, 1904
W. F. Smith	Capt. & I. S. A. P.	Webster City	Sept. 29, 1904
W. H. Frost	Capt. and Chaplain.	Oskaloosa	April 8, 1903
Lorie D. Perrine..	1st. Lt. & Bat. Adjt.	Burlington	Sept. 29, 1904
H. Bert Speck....	1st. Lt. & Bat. Adjt.	Oskaloosa	June 4, 1904
R. C. Williamson..	1st. Lt. & Bat. Adjt.	Iowa City	April 28, 1904

BAND STATIONED AT OTTUMWA.

CHIEF MUSICIAN, RUSSELL W. HARPER, OTTUMWA.

FIRST BATTALION.

MAJOR FRANK E. WETHERELL, *Commanding.*

FIRST LIEUTENANT H. BERT SPECK, *Adjutant.*

COMPANY "G", OTTUMWA.

Name.	Rank.	Residence.	Date of Commission
C. E. Caughlan ...	Captain	Ottumwa	November 3, 1902
E. J. Rosenauer ..	First Lieut.	Ottumwa	November 3, 1902
John A. Meier	Second Lieut.	Ottumwa	November 3, 1902

COMPANY "F", OSKALOOSA.

F. A. Moore	Captain	Oskaloosa	April 20, 1903
J. C. Bradbury ...	First Lieut.	Oskaloosa	October 9, 1905
N. J. Kissick.....	Second Lieut.	Oskaloosa	August 3, 1903

COMPANY "E", CENTERVILLE.

C. A. Baker	Captain	Centerville	December 19, 1904
V. W. Greene	First Lieut.	Centerville	July 6, 1903
	Second Lieut.		

COMPANY "L", NEWTON.

T. C. Dalsell	Captain	Newton	September 5, 1905
F. H. Clements ...	First Lieut.	Newton	January 30, 1905
William Smith ...	Second Lieut.	Newton	January 30, 1905

ADJUTANT-GENERAL'S REPORT.

SECOND BATTALION.

MAJOR RALPH P. HOWELL, *Commanding.*FIRST LIEUTENANT RALPH C. WILLIAMSON, *Adjutant.*

COMPANY "B", DAVENPORT.

Name.	Rank.	Residence.	Date of Commission
E. D. Middleton..	Captain	Davenport	April 18, 1901
J. D. Mason	First Lieut	Davenport	April 18, 1903
O. W. Kulp	Second Lieut	Davenport	April 18, 1903

COMPANY "K", GRINNELL.

H. L. Triplett	Captain	Grinnell	October 24, 1905
	First Lieut		
	Second Lieut		

COMPANY "I", IOWA CITY.

G. W. Ball	Captain	Iowa City	May 9, 1904
R. M. Anderson...	First Lieut	Iowa City	October 30, 1905
G. N. Spinden....	Second Lieut	Iowa City	October 30, 1905

COMPANY "C", MUSCATINE.

W. S. Norton	Captain	Muscataine	November 20, 1905
Geo. Luckhardt ...	First Lieut	Muscataine	November 6, 1905
Ralph Othmer	Second Lieut	Muscataine	November 6, 1905

THIRD BATTALION.

MAJOR FRED S. HOLSTEN, *Commanding.*FIRST LIEUTENANT LOUIS D. PERRINE, *Adjutant.*

COMPANY "M", FAIRFIELD.

Name.	Rank.	Residence.	Date of Commission
E. E. Lucas	Captain	Fairfield	August 8, 1905
J. F. Ready	First Lieut	Fairfield	April 11, 1904
C. C. Cummings..	Second Lieut	Fairfield	April 25, 1904

COMPANY "D", WASHINGTON.

D. W. Harvey	Captain	Washington	June 9, 1902
J. H. Steck.....	First Lieut	Washington	July 21, 1905
P. J. Wallace	Second Lieut	Washington	January 11, 1904

COMPANY "H", BURLINGTON.

J. G. Raichle	Captain	Burlington	September 12, 1904
F. G. Woellhaf ..	First Lieut	Burlington	October 31, 1904
H. A. Woellhaf ..	Second Lieut	Burlington	October 31, 1904

COMPANY "A" FORT MADISON.

J. B. Fralley	Captain	Ft. Madison	May 5, 1905
T. P. Hollowell, Jr	First Lieut	Ft. Madison	August 28, 1905
J. L. Prichett	Second Lieut	Ft. Madison	August 28, 1905

ADJUTANT-GENERAL'S REPORT.

25

FIFTY-FIFTH INFANTRY.

Organized as a twelve company regiment by General Orders No. 8, A. G. O. April 18th, 1892, by transfer of companies from the Third and Fifth Regiments. Mustered into the United States service War with Spain, May 30th, 1898. Mustered out United States service at San Francisco, Calif., November 2, 1899. Completed re-organization as 51st Regiment, Iowa National Guard, March 26th, 1900. Number designation changed to 55th Infantry, by General Orders No. 19, A. G. O. November 26th, 1902.

Headquarters at Ames.

Name	Rank	Residence.	Date of Commission
J. E. Lincoln	Colonel	Ames	March 26, 1905
E. B. Bennett	Lieut. Colonel	Des Moines	February 17, 1902
W. C. Mentzer	Major	Knoxville	March 26, 1905
M. A. Tinley	Major	Council Bluffs	February 17, 1902
D. W. Turner	Major	Corning	April 7, 1902
E. C. Worthington	Capt. and Adjt.	Des Moines	April 25, 1905
H. C. Lane	Capt. and Q. M.	Red Oak	May 14, 1905
Guy S. Brewer	Capt. and Coms.	Des Moines	March 27, 1905
D. A. Jay	Major and Surg.	Eldon	May 8, 1905
W. S. Conkling	Capt. & Asst. Surg.	Des Moines	May 8, 1905
E. B. King	Capt. & Asst. Surg.	West Liberty	May 20, 1904
L. D. Ross	Capt. & I. S. A. P.	Red Oak	April 27, 1903
A. A. Walburn	Capt. and Chaplain	Osceola	April 25, 1905
G. L. Garton	1st. Lt. & Bat. Adjt.	Des Moines	May 22, 1905
Sam C. Smith	1st. Lt. & Bat. Adjt.	Winterset	July 30, 1901
P. I. VanOrder	1st. Lt. & Bat. Adjt.	Council Bluffs	July 14, 1904

BAND STATIONED AT CENTERVILLE.

CHIEF MUSICIAN, GEO. W. LANDERS, CENTERVILLE.

FIRST BATTALION.

MAJOR WM. C. MENTZER, *Commanding.*

FIRST LIEUTENANT S. C. SMITH, *Adjutant.*

COMPANY "E", SHENANDOAH.

Name	Rank	Residence.	Date of Commission
G. H. Castle	Captain	Shenandoah	June 26, 1905
G. M. Castle	First Lieut	Shenandoah	June 26, 1905
H. E. Schriver	Second Lieut	Shenandoah	June 26, 1905

COMPANY "L", COUNCIL BLUFFS.

R. D. Rutherford	Captain	Council Bluffs	October 28, 1904
S. A. Greene	First Lieut	Council Bluffs	October 28, 1904
W. F. Richmond	Second Lieut	Council Bluffs	October 28, 1904

COMPANY "G", WINTERSET.

C. W. Aikins	Captain	Winterset	September 18, 1905
F. D. Hudson	First Lieut	Winterset	September 18, 1905
P. R. Wilkinson	Second Lieut	Winterset	September 18, 1905

COMPANY "C", AMES.

Herman Kuapp	Captain	Ames	November 22, 1905
E. C. Bartholomew	First Lieut	Ames	June 28, 1904
F. A. Underwood	Second Lieut	Ames	June 28, 1904

ADJUTANT-GENERAL'S REPORT.

SECOND BATTALION.

MAJOR MATHEW A. TINLEY, *Commanding.*FIRST LIEUTENANT PAUL I. VAN ORDER, *Adjutant.*

COMPANY "B", VILLISCA.

Name.	Rank.	Residence.	Date of Commission
J. T. Posten	Captain	Villisca	January 14, 1901
Ben Baker	First Lieut	Villisca	April 11, 1903
G. E. Whan	Second Lieut	Villisca	July 20, 1905

COMPANY "K", CORNING.

C. M. Stanley	Captain	Corning	May 27, 1902
	First Lieut		
J. A. Conaway ...	Second Lieut	Corning	April 26, 1905.

COMPANY "D", KNOXVILLE.

J. C. Myers	Captain	Knoxville	March 14, 1904
P. E. Bellamy	First Lieut	Knoxville	July 15, 1902
R. E. Brady	Second Lieut	Knoxville	March 14, 1904

COMPANY "M", RED OAK.

Ivan E. Ellwood ..	Captain	Red Oak	April 17, 1905
E. C. Hessler	First Lieut	Red Oak	April 17, 1905
G. R. Logan	Second Lieut	Red Oak	April 17, 1905

THIRD BATTALION.

MAJOR DANIEL W. TURNER, *Commanding.*FIRST LIEUTENANT GEORGE L. GARTON, *Adjutant.*

COMPANY "A", DES MOINES.

Name.	Rank.	Residence.	Date of Commission.
LaForest F. Blyler	Captain	Des Moines	December 10, 1901
Vernon Forbes ...	First Lieut	Des Moines	December 10, 1901
G. G. T. Freberg..	Second Lieut	Des Moines	October 24, 1904

COMPANY "I", CRESTON.

Wm. Bell	Captain	Creston	May 25, 1905
W. F. Ohlschlager.	First Lieut	Creston	May 25, 1905
E. F. Heaton	Second Lieut	Creston	May 25, 1905

COMPANY "F", DES MOINES.

A. W. Brandt	Captain	Des Moines	July 17, 1905
Chas. Tillotson Jr..	First Lieut	Des Moines	November 4, 1905
E. O. Fleur	Second Lieut	Des Moines	March 24, 1905

COMPANY "H", ATLANTIC.

	Captain	Atlantic	July 17, 1905
B. E. Kennedy	First Lieut	Atlantic	July 17, 1905
J. F. O'Connell ...	Second Lieut		

FIFTY-SIXTH INFANTRY.

Organized as a twelve company regiment by General Orders No. 8, A. G. O. April 18th, 1892, by transfer of companies from the first, third and sixth regiments. Mustered into the United States service, War with Spain, May 25, 1898. Mustered out of the United States service at Camp McKinley, Des Moines, October April 20th, 1899. Number designation changed by General Orders No. 19, A. G. 30th, 1898. Completed re-organization as 52d Regiment, Iowa National Guard, O. November 26th, 1902.

Headquarters at Sioux City.

Name.	Rank.	Residence.	Date of Commission
W. B. Humphrey..	Colonel	Sioux City	April 20, 1905
T. F. Cooke	Lieut Colonel	Des Moines	July 11, 1904
G. M. Parker	Major	Sac City	April 20, 1904
W. T. Chantland...	Major	Fort Dodge	May 8, 1904
T. J. Mahoney	Major	Boone	May 24, 1905
W. C. Beck	Capt. and Adjt....	Sioux City	July 14, 1904
A. L. Rule	Capt. and Q. M....	Mason City	May 28, 1903
E. H. Brown	Capt. and Coms...	Sioux City	June 21, 1904
D. Macrae, Jr	Major and Surg...	Council Bluffs	July 22, 1903
P. McDermid	1st. Lt. & Asst. Surg	Fontanelle... ..	July 22, 1903
Amos Horner	1st. Lt. & Asst. Surg	Polk City	May 8, 1905
H. C. Armstrong ..	Capt. & I. S. A. P.	Rake	October 7, 1904
E. S. Johnson	Capt. and Chaplain	Rock Rapids	June 21, 1904
E. A. Ringland ...	1st. Lt. & Bat. Adjt.	Boone	June 21, 1904
M. W. Newby	1st. Lt. & Bat. Adjt.	Onawa	November 10, 1903
C. F. Starr	1st. Lt. & Bat. Adjt.	Emmetsburg	March 24, 1905

BAND STATIONED AT FORT DODGE.

CHIEF MUSICIAN, CARL QUIST, FORT DODGE.

FIRST BATTALION.

MAJOR GEORGE M. PARKER, *Commanding.*

FIRST LIEUTENANT EDMUND A. RINGLAND, *Adjutant.*

COMPANY "F", ALGONA.

Name.	Rank.	Residence.	Date of Commission
W. E. H. Morse ..	Captain	Algona	February 20, 1905
C. F. Osler	First Lieut	Algona	September 12, 1904
	Second Lieut		

COMPANY "C", WEBSTER CITY.

N. P. Hyatt	Captain	Webster City	June 2, 1904
G. M. Teed	First Lieut	Webster City	March 30, 1903
F. J. Lund	Second Lieut	Webster City	January 4, 1904

COMPANY "A", MASON CITY.

W. S. Rankin	Captain	Mason City	January 26, 1903
C. F. Helbig	First Lieut	Mason City	February 13, 1905
J. A. Stewart.....	Second Lieut	Mason City	June 15, 1903

COMPANY "I", BOONE.

H. B. Wilson....	Captain	Boone	June 12, 1905
M. E. Sargent....	First Lieut	Boone	June 12, 1905
G. L. Lawson	Second Lieut	Boone	June 12, 1905

ADJUTANT-GENERAL'S REPORT.

SECOND BATTALION.

MAJOR WILLIAM T. CHANTLAND, *Commanding.*FIRST LIEUTENANT MILES W. NEWBY, *Adjutant.*

COMPANY "E", SHELDON.

Name.	Rank.	Residence.	Date of Commission
J. B. Frisbee	Captain	Sheldon	June 16, 1902
W. H. Bailey	First Lieut	Sheldon	May 7, 1903
G. M. Walker	Second Lieut	Sheldon	April 11, 1904

COMPANY "A", EMMETSBURG.

J. E. Williams ...	Captain	Emmetsburg	March 9, 1903
F. D. Grout	First Lieut	Emmetsburg	March 9, 1903
T. F. Rutledge ...	Second Lieut	Emmetsburg	December 24, 1900

COMPANY "D", ROCK RAPIDS.

C. J. Miller	Captain	Rock Rapids	October 28, 1905
Grant Vickers	First Lieut	Rock Rapids	June 2, 1904
J. S. Kelliham	Second Lieut	Rock Rapids	June 2, 1904

COMPANY "H", SIOUX CITY.

W. M. Flynn	Captain	Sioux City	September 12, 1904
F. W. Hood	First Lieut	Sioux City	July 11, 1904
T. E. Harrington..	Second Lieut	Sioux City	August 8, 1904

THIRD BATTALION.

MAJOR TIMOTHY J. MAHONEY, *Commanding.*FIRST LIEUTENANT CHARLES FREEMAN STARR, *Adjutant.*

COMPANY "B" IDA GROVE.

Name.	Rank.	Residence.	Date of Commission
Gray Warren	Captain	Ida Grove	July 28, 1903
A. C. Johnston ...	First Lieut	Ida Grove	March 8, 1904
F. G. Stough	Second Lieut	Ida Grove	March 8, 1904

COMPANY "G" FORT DODGE.

B. J. Price	Captain	Fort Dodge	June 18, 1904
F. Larrabee	First Lieut	Fort Dodge	July 28, 1903
	Second Lieut		

COMPANY "M", SAC CITY.

H. S. Parker	Captain	Sac City	September 22, 1905
	First Lieut		
S. B. Culp	Second Lieut	Sac City	March 30, 1905

COMPANY "L" SIOUX CITY.

H. H. Edwards ...	Captain	Sioux City	November 8, 1905.
E. G. Knox	First Lieut	Sioux City	August 9, 1905
F. J. Taylor	Second Lieut	Sioux City	September 25, 1905

ADJUTANT-GENERAL'S REPORT.

29

RELATIVE RANK OF OFFICERS.

GENERAL OFFICERS.

No. Rank Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
	U. S. Army.	National Guard and Other Service.
1. Brig. Gen. Wm. H. Thrift, (Adjutant General) Born Oct. 13, '47 in Iowa. Age 58 Rk. Feby. 1, 1906.	pvt. co. D, 16 Iowa inf. dec. 2, 61; dia. by reason of wound nov. 21, 62; pvt. co. "C" N. B. Brig. aug. 5 63; mus. out. sept. 16, 63 upon disbandment of company; pvt. co. F, Northern Border Brigade sept 17, 63; mus. Oct. 14, 63; m. o. dec. 9, 63 at Spirit Iowa Lake, pvt. co. D, 44 Iowa inf. june 1, 64; m. o. sept. 15, 64; maj. and add. paymaster U. S. vols. may 23, 96; m. o. june 13, 99.	pvt. co. H, 4 regt. I. N. G. july 77; capt. feb. 20, 78; insp. gen. jan. 27, 80; col. 4 regt. aug. 8, 81; res. oct. 19, 85; capt. co. A, 4 regt. I. N. G. oct. 18, 85; res. oct. 26, 87; capt. co. A, 4 regt. I. N. G. june 11, 90; co. tra. to co. A, 1 regt. april 30, 92; term expired june 11, 95; capt. and insp. a. a. p. 1 regt. june 18, 95; m. o. june 2, 98; capt. co. A, 49 regt. I. N. G. sept. 18, 98. Com. expir. sept. 18, 04. Re-el. capt. A, 53 Inf. sept. 19, 04; Adj. Gen'l. feb. 1, 05.

COLONELS.

1. Col. Jas. Rush Lincoln, (Colonel 55th Infy.) Born Feby. 2, '45 in Maryland. Age 60. Rk. May 1, 1890. Com. Mch. 26, 1905.	brig. gen. U. S. vols. may 27, 98; m. o. march 15, 99.	Served during entire period war of rebellion; capt. co. F, 3 regt. I. N. G. may 27, 76; re-elected july 19, 79; maj. 8 regt. sept. 20, 79; lt. col. july 1, 80; res. oct. 26 81; capt. co. A, 1 regt. oct. 7, 82; res. may 29, 84; capt. co. D, 1 regt. may 29, 84; res. april 14, 88; lt. col. a. d. c. to gov. jan. 29, 90; ch. of eng. and ch. sig. officer may 1, 90; insp. gen. april 29, 92; re-app. feb. 1, 94; re-app. feb. 1, 96; re-app. feb. 1, 98; res. july 7, 98; re-app. insp. gen. march 16, 99; col. 51 regt. I. N. G. march 26, 00. Com. expir. march 26, 05, re-el. col. 55 inf. mar 26, 05; a. d. c. to gov. feb. 1, 96; J. A. G. feb. 1, 98; re-app. feb. 1, 00; re-app. feb. 1, 02.
2. Col. Chas. G. Saunders, (Judge Advocate General). Born Apr. 10, '61 in New York. Age 44. Rk. Feby. 1, '96. Com. Feby. 1, '02.		

ADJUTANT-GENERAL'S REPORT.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
3.	Col. Wm. B. Humphrey (Colonel 58th Infy). Born Aug. 8, '55 in Maine. Age 50. Rk. Apr. 30, '97. Com. Apr. 20, 1904.	col. 52 inf. Iowa vols. april 26, 98; mus. may 25, 98; m. o. oct. 30, 98.	pvt. co. H. 3 regt. I. N. G. June 22, 87; sergt. and 1 sergt. 88 and 89; co. tra. to co. H, 6 regt. 89; 2 lt. dec. 30, 89; capt. June 2, 90; co. tra. to co. H, 4 regt. april 30, 92; maj. 4 regt. June 4, 92; lt.-col. nov. 23, 94; col. april 30, 97; m. o. May 25, 98; col. 52 regt. I. N. G. april 20, 90. com. expir. apr. 20, 04; re-el. apr. 20, 04. ex-am. apr. 27, 04.
4.	Colonel William G. Dows, (Colonel 58d Infy.) Born Aug. 12, '64 in Iowa. Age 41. Rk. Apr. 4, '98. Com. Mar. 26, '05.	col. 49 inf. Iowa vols. apr. 26, 98; mus. June 2, 98; m. o. May 18, 99.	4 yrs. Shattuck school; pvt. co. C. 1 regt. I. N. G. Jan. 9, 84; 1 sergt. Aug. 4, 84; 2 lt. april 6, 85; 1 lt. Jan. 18, 86; adjt. 1 regt. Jan. 6, 90; maj. dec. 21, 91; lt. col. april 30, 97; col. april 4, 98; mus. out June 2, 98; col. 49 regt. March 26, 00. com. expir. Mar. 26, 05; re-elected col. 58 rd. inf. Mar. 26, 05.
5.	Colonel John R. Prime, (Inspector General). Born July 4, 47 in N. Y. Age 50. Rank Rk. Feby. 1, 1902.	pvt. co. K, 27 Iowa inf. feb. 15, 64; dis. Jan. 20, 66; major 42 inf. U. S. vols. Aug. 17, 99; m. o. June 28, 01.	pvt. co. B. 6 regt. I. N. G. april 18, 78, 2lt. May 6, 78; 1 lt. sept. 12, 78; capt. July 28, 80; maj. and. asst. insp. genl. May 7, 84; resig. Aug. 21, 85, re-app. sept. 28, 85; maj. 4 regt. april 30, 92; adjt. genl. feb. 1, 94, to feb. 1, 96; brig. genl. March 26, 96; resig. Oct. 7, 99; insp. genl. feb. 1, 02.
6.	Colonel John C. Loper, (Quartermaster General). Born Jan. 28, '51 in Ohio. Age 54. Rk. Feby. 1, 1902.	col. 51 inf. Iowa vols. apr. 26, 98; mus. May 30, 98; m. o. Nov. 2, 99.	capt. co. H. 3 regt. I. N. G. July 15, 89; maj. 3 regt. Jan. 23, 92; lt. col. sept. 3, 95; col. Mar. 14, 98; m. o. May 30, 98; q. m. genl. feb. 1, 02.
7.	Colonel Charles E. Mitchell, (Aid-de-Camp). Born July 20, '46 in Ohio. Age 59. Rk. Feby. 1, 1902.	pvt. 17 Ohio artillery, Aug. 14, 62, to July 20, 65.	a. d. c. to gov. feb. 1, 96; a. d. c. to gov. feb. 1, 02.
8.	Colonel Hugh B. Hedge, (Commissary General). Born Oct. 29, '39 in Pa. Age 66. Rk. Feby. 1, 1902.	5th cor. and sergt. Ringgold's cav. and 22 Pa. cav. from June 26, 61, to July, 64.	appt. com. genl. feb. 1, 02.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
9.	Colonel Charles S. Crall, (Chief Signal Officer). Born Dec. 24, '77 in Iowa. Age 27. Rk. Feby. 1, 1902.	pvt. 12 co. U. S. vols. signal corps june 22, '98; sgt. july 1, '98; first class sergt. march 9, '99; dis. april 18, '99.	appt. chief signal officer feb. 1, '02.
10.	Colonel Wilton McCarthy, (Surgeon General). Born June 18, '72 in Iowa. Age 33. Rk. Feby. 1, 1902.		appt. surg. genl. feb. 1, '02.
11.	Colonel Isaac B. Santee, (Aid-de-Camp). Born March 7, '52 in West Vir. Age 53. Rank Feby. 1, 1902.		1 year West Virginia university; a. d. c. to gov. feb. 1, '02.
12.	Colonel Truman A. Potter, (Aid-de-Camp). Born Feby. 6, '71 in Iowa. Age 34. Rk. Feby. 1, 1902.		a. d. c. to gov. feb. 1, '02.
13.	Colonel Arthur A. Penquite, (Aid-de-Camp). Born Apr. 1, '59 in Ohio Age 46. Rk. Feby. 1, '02.		a. d. c. to gov. feb. 1, '02.
14.	Colonel Walter M. Davis, (Aid-de-Camp). Born Nov. 30, '68 in Iowa. Age 37. Rk. Feby. 1, 1902.		8 years in state university of Iowa under a regular army officer. a. d. c. to gov. feb. 1, '02.
15.	Colonel Charles W. Bopp, (Aid-de-Camp). Born Mch. 23, '68 in Iowa. Age 37. Rk. Feby. 1, 1902.		a. d. c. to gov. feb. 1, '02.
16.	Colonel Herbert M. Bigelow, (Aid-de-Camp). Born May 2, '63 in Ill. Age 42. Rk. Feby. 1, 1902.		a. d. c. to gov. feb. 1, '02.
17.	Colonel Charles J. Wilson, (Chief of Engineers). Born Nov. 11, '50 in Iowa. Age 55. Rk. May 1, '08.		pvt. co D, 2 regt. I. N. G. april 18, '78; re-enl. may 5, '81; re-enl. june 26, '83; q. m. sergt. 2 sergt. jan. 1, '88; 1 lt. and c. of s. 2 regt. jan. 12, '95; dis. may 17, '98; 1 lt. and c. of s. 50 regt. I. N. G. april 15, '99; chief of eng. may 1, '03.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
18.	Colonel Frank W. Bishop, (Colonel 54th Infy). Born May 5, '68 in Ill. Age 37. Rk. March 20, 1904.	enl. 2 U. S. inf. feb. 4, 90; dia. as sergt. feb. 4, 95; capt. co. C. 50 inf. Iowa vols. april 26, 98; mus. may 17, 98; m. o. nov. 30, 98.	enl. Ill. N. G. jan. 3, 87; dia. as corp. jan. 3, 90; 1 lt. and bat. adj. 2 reg. I. N. G. may 29, 95; capt. co. C. 2 regt. jan. 11, 98; m. o. may 17, 98; capt. co. C. 50 regt. I. N. G. feb. 13, 98; maj. 50 regt. dec. 20, 99; lt. col. 54 regt. I. N. G. dec. 22, 02; examined jan. 30, 1903; col. 54th inf. mar. 20, 04.
19.	Colonel William H. Evans, (General Inspector Small Arms Practice). Born June 26, '48 in England. Age 57. Rk. Oct. 12, 1905.		pvt. co. K, 5 regt. I. N. G. july 31, 78; corp. may 1, 80; 2 lt. july 9, 87; 1 lt. july 18, 90; q. m. 5 regt. oct. 19, 91; maj. 3 regt. april 30, 92; maj. and insp. s. a. p. 1 brig. aug. 28, 95; re- app. march 25, 96; asst. genl. insp. s. a. p. july 4, 00; com. explr. july 4, 05; re-appt. asst. genl. insp. s. a. p. july 4, 05; genl. insp. s. a. p. oct. 12, 05.

LIEUTENANT-COLONELS.

1.	Lieut. Col. Ernest R. Bennett, (Lieut. Col. 55th Infy). Born Oct. 13, '69 in Ia. Age 36. Rk. Feby. 17, 1902.	1 lt. co. H, 51 inf. Iowa vols. april 26, 98; mus. may 30, 98; m. o. nov. 2, 99.	pvt. co. H, 3 regt. I. N. G. july 11, 89; 2 lt. oct. 16, 94; 1 lt. march 5, 95; res. nov. 18, 95; pvt. co. H, 3 regt. mar. 16, 96; 1 lt. aug. 17, 97; m. o. may 30, 98; capt. co. H, 51 regt. I. N. G. feb. 15, 00; maj. 51 regt. march 26, 00; lt. col. feb. 17, 02; ex- amined march 27, 02.
2.	Lieut. Col. Elliott E. Lambert, (Lieut. Col. 54th Infy). Born Jan'y. 8, '63 in Ohio. Age 42. Rk. May 2, 1904.	lt. col. 50 inf. Iowa vols. april 26, 98; mus. may 18, 98; col. aug. 29, 98; m. o. nov. 30, 98.	pvt. co. B, 3 regt. I. N. G. july 15, 88; capt. mar. 8, 89; maj. 2 regt. april 30, 92; lt. col. jan. 11, 97; m. o. may 18, 98; enl. co. L, 50 regt. I. N. G. feb. 5, 00; maj. 50 regt. july 16, 00; lt. col. 54 inf. may 2, 04; ex- amined june 21, 04.

ADJUTANT-GENERAL'S REPORT.

33

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
3	Lieut. Col. Thos. F. Cooke. (Lieut. Col. 56 Infy). Born Jany. 29, '63 in Ia. Age 42. Rk. July 11, '04.	capt. co. F, 52 regt. Iowa vols. april 26, '98; mus. may 25, '98; m. o. oct. 30, '98.	capt. co. F, 6 regt. I. N. G. July 2, '89; act. insp. s. a. p. 2 brig. 90; genl. insp. s. a. p. July 28, '92 re-app. feb. 8, '94; re-app. feb. 1, '96; re-app. feb. 1, '98; m. o. may 25, '98; re-app. oct. 30, '98; re-app. feb. 1, '00; m. o. feb. 1, '02; insp. s. a. p. march 19, '03; exam. June 5, '03; lt. col. 56 inf. I. N. G. July 11, '04; exam. aug. 9, '04.
4	Lieut. Col. Hubert A. Allen. (Lieut. Col. 53d Infy). Born April 4, '71 in Ia. Age 34. Rk. May 8, '05.	capt. co. E, 49 inf. Iowa vols. april 26, '98; mut. June 2, '98; m. o. May 13, '99.	1 year Iowa Agc. Col. pvt. co. H. 4 regt. I. N. G. feb. 24, '90; 1 lt. dec. 10, '91; mus. out 'with co. dec. 16, '92; capt. co. E, 1 regt. I. N. G. June 4, '96; mus. out June 2, '98; maj. 49th. regt. June 1, '00; lt. col. 53d inf. May 8, 1905; exam. June 16, '05. lt. col. 3 inf. May 8, 1905.
5	Lieut. Col. Van Buren Knott. (Deputy Surgeon Gen.). Born Nov. 14, '71 in Ill. Age 34. Rk. May 25, '05.	asst. sur. 52d Iowa vols. april 26, '98; mus. May 6, '98; m. o. oct. 30, '98.	pvt. co. H, 6 regt. I. N. G. dec. 31, '88; dis. dec. 29, '92; capt. and add. asst. surg. 4 regt. I. N. G. dec. 4, '94; surg. 52 regt. I. N. G. May 20, '99; resig. feb. 16, '00; deputy sur. genl. May 25, '05.

MAJORS.

1. Major Frank R. Fisher. (Major 53d Infy). Born June 20, '57 in Ill. Age 48. Rk. May 24, '98. Com. Feb. 26, '05.	maj. 49 inf. Iowa vols. May 24, '98; mus. June 2, '98; mus. out May 13, '99.	pvt. co. B, 4 regt. I. N. G. July 6, '88; sergt. July 26, '90; 2 lt. July 19, '91; 1 lt. Jan. 25, '92; tra. to 1 regt. April 30, '92; capt. Oct. 27, '93; maj. 1 regt. May 24, '98; mus. out June 2, '98; maj. 49 I. N. G. Mar. 26, '00; com. explr. Mar. 26, '05; re-elected maj. 53d inf. March 26, '05.
2 Major Charles S. Grant. (Surgeon). Born July 6, '72 in N. Y. Age 33. Rk. Sept. 2, '98. Com. May 20, '04.	1 lt. and asst. surg. 50 regt. Ia. vols. May 6, '98; mus. May 6, '98; app. surg. Sept. 2, '98; mus. Sept. 2, '98; m. o. Nov. 30, '98.	pvt. co. I, 2 regt. I. N. G. Mar. 26, '94; dis. June 6, '95; pvt. hosp. corps 2 regt. June 18, '96; m. o. May 6, '98; maj. and surg. I. N. G. May 20, '99; com. explr. May 20, '04; re-app. surg. May 20, '04.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
3.	Major David S. Fairchild Jr. (Surgeon). Born March 23, '71 in Minn. Age 34. Rk. Dec. 5, '98. Com. May 8, '05.	ast. surg. 51 inf. Iowa vols. may 6, '98; mus. may 6, '98; maj. and surg. 51 Iowa vols. dec. 5, '98; m. o. nov. 2, '99.	2 yrs. Iowa Agr. Col. maj. and surg. I. N. G. april 11, '00; com. explr. apr. 11, '04; re-app. may 8, '05.
4.	Major Louis J. Rowell, (Major 53d Inftry). Born March 28, '72 in Iowa. Age 33. Rk. March 26, '00. Com. March 26, '05.	capt. co F, 49 inf. Iowa vols. april 26, '98; mus. june 2, '98; mus. out may 13, '99.	2 years State University of Iowa; pvt. co. B, 1 regt. I. N. G. feb. 18, '88; co. tra. to co. M, 2 regt. april 30, '92; 2 lt. july 20, '92; capt. may 28, '94 tra. with co. to co. F, 1 regt. dec. 10, '96; mus. out june 2, '98; capt. co. F, 49 regt. I. N. G. sept. 25, '99; maj. 49 regt. march 26, '00; com. exp. mar. 26, '05; re-el. maj. 53d inf. mar. 26, '05.
5.	Major Wm. C. Mentzer, (Major 55th Inftry). Born Oct. 13, '67 in Ind. Age 38. Rk. Mch. 26, '00. Com. Mch. 26, '05.	2 lt. co D, 51 inf. Iowa vols. april 26, '98; mus. may 30, '98; regt. adjt. aug. 25, '99; m. o. nov. 2, '99.	pvt. co. D, 3 regt. I. N. G. feb. 16, '97; 2 lt. apr. 5, '97; m. o. may 30, '98; maj. 51 regt. I. N. G. mar. 26, '00; com. explr. mar. 26, '05; re-el. maj. 55 inf. mar. 26, '05.
6.	Major Joe Beeson, (Military Secretary). Born June 8, '71 in Ill. Age 34. Rk. Feby. 1, '02.	sgt. co. F, 51 regt. Iowa vols. april 26, '98; mus. may 30, '98; m. o. nov. 2, '99.	pvt. co. F, 3 regt. I. N. G. mar. 30, '91; dis. aug. 4, '93; re-enl. april 23, '98; m. o. may 30, '98; pvt. co. F, 51 regt. I. N. G. mar. 7, 1900; batt. adjt. april 28, 1900; re-sig. may 7, '01; military secy. feb. 1, '02.
7.	Major Mathew A. Tinley, (Major 55th Inftry). Born Mch. 5, '76 in Iowa Age 29. Rk. Feby. 17, '02.	2 lt. co. A, 51 inf. Iowa vols. may 10, '98; mus. may 30, '98; 1 lt. aug. 5, '99; m. o. nov. 2, '99.	pvt. co. L, 3 regt. I. N. G. june 4, '94; m. o. may 30, '98; capt. co. L, 51 regt. I. N. G. jan. 18, '00; maj. feb. 17, '02; examined march 13, '02.
8.	Major Daniel W. Turner, (Major 55th Inftry). Born Mch. 17, '77 in Ia. Age 28. Rk. Apr. 7, '02.	pvt. co. K, 51 inf. Iowa vols. april 26, '98; mus. may 30, '98; corp. june 20, '98; m. o. nov. 2, '99.	pvt. co. K, 3 regt. I. N. G. april 22, '98; m. o. may 30, '98; 1 lt. co. K, 51 regt. I. N. G. feb. 24, '00; capt. nov. 5, '00; maj. april 7, '02; examined april 24, '02.
9.	Major Frank E. Wetherell, (Major 54th Inftry). Born Sept. 5, '69 in Ohio. Age 38. Rk. Mch. 16, '03.		3 years State Univ. bat. pvt. co. F, 3 regt. I. N. G. april 1, '87; 1 sergt. july '90; 2 lt. july 21, '91; 1 lt. oct. 20, '91; res. may 15, '93; capt. co. F, 51 regt. I. N. G. mar. 7, '00; ttd. to 54; maj. mar. 16, '03; examined april 3, '03.

RELATIVE RANK OF OFFICERS—CONTINUED.

No.	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
10.	Major Donald Macrae, Jr. (Surgeon). Born Jany. 24, '70 in Iowa. Age 35. Rk. July 22, '03.	1 lt. and asst. surg. 51 inf Iowa vols. may 6, 98; m. o. nov. 2, 99.	1 lt. and asst. surg. I. N. G. april 11, 00; maj. and surg. july 22, 03.
11.	Major Ralph P. Howell, (Major 54th Infy). Born Dec. 12, '70 in Ia. Age 35. Rk. Mch. 20, '04.	capt. and com. of sub. U. S. vols. may 17, 98; m. o. sept. 10, 98.	1 yr. State Univ. of Iowa, Pvt. co. C, 3 regt. I. N. G. jan. 13, 90; co. tra. to co. I, 2 regt. april 30, 92; corp. and sergt. 98 and 94; maj. and j. a. 1 brig. jan. 25, 95; re-app jan. 11, 97; m. o. may 17, 98; capt. co. I, 50 regt. I. N. G. dec. 3, 00. maj. 54 inf. mar. 20, 04.
12.	Major Geo. M. Parker, (Major 56th Infy). Born Mch. 3, '47 in Ill. Age 58. Rk. April 20, '04.	pvt. co. H, 21 inf. Iowa vols. june 25, 62; mus. aug. 23, 62; m. o. july 15, 65; sergt. 18 U. S. inf. 66 to 68.	capt. co. M, 52 regt. I. N. G. june 6, 1900; maj. 56th inf. apr. 20, 04; examined apr. 27, 04.
13.	Major Wm. T. Chantland, (Major 56th Infy). Born June 27, '70 in Ia. Age 35. Rk. May 8, '04.	capt. co. G, 52 inf. Iowa vols. april 26, 98; mus. may 25, 98; m. o. oct. 30, 98.	in bat. state university of Iowa, Pvt. 88; corp. 89; 1sergt. 90; capt. 91; 1 lt. co. G, 6 regt. I. N. G. feb. 13, 92; co. tra. to co. G, 4 regt. april 30, 92; capt. jan. 21, 95; m. o. may 25, 98; Pvt. co. G, 56 inf. I. N. G. july 13, 08; capt. july 28, 08; examined aug. 11, 08; resig. may 25, 04; major 56th inf. may 8, 04; exam. june 21, 04.
14.	Major Frank E. Lyman, Jr. (Asst. Insp. Genl). Born June 20, '69 in Ohio Age 36. Rk. June 7, '04.	capt. sig. corps U. S. V. june 11, 98 to apr. 17, 99; 1 lt. sig. corps U. S. V. apr. 17, 99 to may 28, 01; 1 lt. U. S. A. may 27. to mar. 25, 04.	pvt. co. H, 3 regt. I. N. G. july 11, 89; eng. and sig. officer 1 brig. aug. 23, 92 to jan. 11, 97; asst. insp. genl. with rank of maj. june 7, 1904; exam. june 21, 04.
15.	Major Fred S. Holsteen, (Major 54th Infy). Born July 5, '73 in Iowa. Age 32. Rk. June 30, 04.		5 yrs. State University of Iowa, last year as commandant of cadets with rank as cadet maj. Pvt. co. I, 50 regt. I. N. G. mar. 6, 89; dis. sept. 2, 99; Pvt. co. F, 50 regt. I. N. G. july 16, 00; 1 sergt; capt. june 12, 01; exam. july 15, 01; maj. 54th inf. june 30, 04; exam. aug. 9, 04.
16.	Major Guy E. Logan, (Asst. Adj. Genl). Born Mch. 11, '71 in Ia. Age 34. Rk. April 1, '05.	2 lt. co. M, 51 inf Iowa vols. april 26, 98; mus. may 30, 98; m. o. nov. 2, 99.	2 lt. co. M, 3 regt. I. N. G. oct. 18, 93; m. o. may 30, 98; 1 lt. co. M, 51 regt. I. N. G. nov. 21, 99; capt. april 23, 00; asst. adjt. genl. apr. 1, 05.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
17.	Major D. Arthur Jay. (Surgeon). Born Oct. '66 in Iowa. Age 39. Rk. May 8, '05.		2 years Iowa State Univ. 1 lt. and asst. surg. I. N. G. may 29, 99; com. exp. may 29, 04; re-app. capt. and asst. surg. may 20, 04; surgeon may 8, 05.
18.	Major Timothy J. Mahoney, (Major 56th Inftry). Born Oct. 16, '76 in Ia. Age 29. Rk. May 24, '05.	pvt. co. I, 52 inf. Iowa vols. april 26, 98; mus. may 25, 98; corp. july 1, 98; m. o. oct. 30, 98.	4 years Iowa Agr. Col. pvt. co. I, 4 regt. I. N. G. june 27, 96; m. o. may 25, 98; 1 lt. co. I, 52 regt. I. N. G. april 5, 99; capt. june 6, 01; ex-am. july 11, 01; maj. 56 inf. may 24, 05.
19.	Major Eliza C. Johnson, (Major 53d Inftry). Born April 14, '73 in Ia. Age 32. Rk. June 5, '03.	capt. co. M, 49 inf. Iowa vols. april 26, 98; mus. june 2, 98; m. o. may 13, 99.	corp. Iowa State Univ. 90; sergt. and 1 lt. 91 and 93, capt. co. M, 1 regt. I. N. G. dec. 8, 93; m. o. june 2, 98; capt. co. M, 49 regt. I. N. G. jan. 17, 00; maj. 53 inf. june 5, 05.

CAPTAINS.

1.	Emory C. Worthington. (Regtl. Adjt. 55th Inftry). Born Nov. 23, '70 in Ia. Age 35. Rk. May 5, 93. Com. Apr. 25, 05.	capt. co. H, 51 inf. Iowa vols. april 26, 98; mus. may 30, 98; m. o. nov. 2, 99.	pvt. co. H, 3 regt. I. N. G. july 15, 89; sergt. aug. 2, 89; 2 lt. feb. 26, 92; 1 lt. march 28, 93; capt. may 5, 93; m. o. may 30, 98; regt. adjt. 51 regt. I. N. G. april 25, 00. Com. explr. apr. 25, 05. Re-appt. regtl. adjt. 55 inf. apr. 25, 05.
2.	George A. Evans (Quartermaster 53d Inftry). Born June 7, '56 in Ia. Age 49. Rk. Jany. 13, 95. Com. July 9, 05.	capt. co. C, 49 inf. Iowa vols. april 26, 98, mus. june 2, 98, m. o. may 13, 99.	genl. Baker Guards, aug. 74; dis. march 75; enl. co. A, 1 regt. I. N. G. aug. 75; sergt. jan. 76; dis. june 76; enl. co. F, 1 regt. I. N. G. jan. 77; sergt. dec. 77; m. o. nov. 80; enl. co. C, 1 regt. I. N. G. nov. 1, 83; corp., sergt. and 1 sergt. 83-86; 1 lt. aug. 21, 93; capt. jan. 13, 95; m. o. june 2, 98; Insp. s. a. p. june 11, 00; q. m. 49 regt. I. N. G. july 9, 00. Com. explr. July 9, 05. Re-appt. Q. M. 53d inf. July 9, 05.

RELATIVE RANK OF OFFICERS—CONTINUED.

No. of Officers	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
3.	Edward L. Martindale (Asst. Surg.) Born Dec. 3, '68 in Ill. Age 36. Rk. Apr. 8, '95. Com. May 8, '05.	1 lt. and asst. surg. 49 inf. Iowa vols. april 26, 98; mus may 6, 98; m. o. may 13, 99.	pvt. co. L, 1 regt. I. N. G., July 30, 94; capt. and add. asst. surg. 1 regt. april 8, 95; m. o. may 6, 98; capt. and asst. surg. I. N. G. april 12, 00. Com. expir Apr. 12, 05; Re-appt. capt. and asst. surg. may 8, 05.
4.	Ebenezer S. Johnson (Chaplain 56th Infy). Born Feby. 8, '68 in En- gland. Age 39. Rk. May 20, 98. Com. June 21, 04.	chap. 52 inf. Iowa vols. may 20, 98; mus. may 25, 98; m. o. oct 30, 98.	1 yr. med. staff corps England; chap. 52 regt. I. N. G. June 21, 90. Com. expir. June 21, 04. Re-appt. June 21, 04.
5.	Oscar H. L. Mason (Chaplain 53d Infy). Born June 27, '66 in Iowa. Age 39. Rk. May 24, 98. Com. July 9, 05.	chap. 49 inf. Iowa vols. may 24, 98; mus. June 2, 98; m. o. may 13, 99.	three yrs. state univ. of Iowa; chap. 49 regt. I. N. G. July 9, 00. Com. expir. July 9, 05. Re- appt chap. 53d Inf. July 9, 05.
6.	Charles W. Cotton (Co. B, 53d Infy). Born Nov. 27, '68 in Ia. Age 37. Rk. May 25, '98. Com. Feby. 7, '05.	capt. co. B, 49 inf. Iowa vols. may 25, 98; mus. June 2, 98; m. o. may 13, 99.	pvt. co. B. 4 regt. I. N. G. feb. 3, 90; co. tra. to 1 regt. april 30, 92; corp and sergt. 92 and 93; 1 lt. June 15, 96; capt. may 25, 98; m. o. June 2, 98; capt. co. B, 49 regt. I. N. G. feb. 6, 00. Com. expir. feby. 6, 05; Re-elected feby. 7, 05.
7.	Albert M. Jaeggi (Regtl. Adj. 53d Infy). Born May 30, '65 in Iowa. Age 40. Rk. May 31, 98. Com. April 11, '05.	regt. adjt. 49 inf. Iowa vols. may 31, 98; mus. June 2, 98; mus. out may 13, 99.	pvt. co. A, 4 regt. I. N. G. dec. 17, 85; corp and sergt. 88 and 90; 2 lt. July 11, 90; co. tra. to 1 regt. april 30, 92; 1 lt. april 3, 93; bat. adjt. 1 regt. June 3, 97; regt. adjt. may 31, 98; m. o. June 2, 98; regt. adjt. 49 regt. I. N. G. april 5, 00. Com. expir. Apr. 5, 05. Re-appt. Regt. Adj. 53d Inf. apr. 11, 05.
8.	W. E. H. Morse (Co. F, 56 Infy). Born May 29, '62 in Maine. Age 43. Rk. Mch. 15, 99. Com. Feb. 20, '05.		add. asst. surg. 4 regt. I. N. G. aug. 2, 92; asst. surg. 4 regt. dec. 4, 94; rejected acct. physical dis. may 5, 98; capt. co. F, 52 regt. I. N. G. march 15, 99; genl. insp. small arms practice, feb. 1, 02. Capt. Co. "F", 56 Inf. I. N. G. Feby. 20, 05.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	Service. National Guard and Other
9.	Norman P. Hyatt (Co. "C", 56th Infy). Born Oct. 28, '66 in Iowa. Age 39. Rk. June 1, 99. Com. June 2, 04.	1 lt. and bat. adjt. 52 inf. Iowa vols. april 26, 98; mus. may 25, 98; m. o. oct. 30, 98.	2 yrs. Cornell Col.; 3 yrs. Iowa State Univ.; pvt. co. C, 6 regt. I. N. G. july, 88; sergt. jan. 91; 1 lt. and bat. adjt. 4 regt. july 2, 92; m. o. may 25, 98; 1 lt. co. C, 52 regt. I. N. G. march 16, 99; capt. june 1, 99. Com. explr. june 1, 04; Re-el. capt. co. "C" 56 Inf. june 2, 04. Exam. June 21, 04.
10.	James E. Whipple (Co. "G", 53d Infy). Born Sept. 3, '57 in Iowa. Age 48. Rk. Sept. 21, 99. Com. Sept. 21, 04.	q. m. sergt., co. G, 49 inf. Iowa vols. april 26, 98; mus. june 2, 98; m. o. may 13, 99.	pvt. co. G, 1 regt. I. N. G. april 22, 98; m. o. june 2, 98; capt. co. G, 49 regt. I. N. G. sept. 21, 99. Com. explr. sept. 21, 04; Re-el. capt. co. G, 53d Inf. sept. 21, 04.
11.	Will F. Smith (Insp. S. A. P.) Born Oct. 6, '51 in Scotland. Age 54. Rk. Sept. 29, 99. Com. Sept. 29, 04.		pvt. co. C 6th regt. I. N. G. nov. 26, 84; 2 lt. dec. 1, 84; 1 lt. june 8, 87; res. june 8, 89; enl. june 10, 89; Co. C, 6th regt. sergt. july 4, 89; insp. s. a. p. 4 regt. july 8, 97; dia. may 25, 98; insp. s. a. p. sep. 29, 99. Com. explr. sept. 29, 04; re-appt. sept 29, 04.
12.	Nicholas Colsch, Jr., (Co. "I", 53d Infy). Born August 18, '69 in Iowa. Age 36. Rk. Feby. 8, 00. Com. Feby. 8, 05.	1 sergt. co. I, 49 inf. Iowa vols. april 26, 98; sergt. sept. 14, 98; m. o. may 13, 99.	pvt. co. I, 4 regt. I. N. G. june 25, 89; co. tra. to 1 regt. april 30, 92; corp. and sergt. 02 and 93; 1 lt. july 29, 95; m. o. with co. may 11, 97; pvt. co. I, 1 regt. reorg. june 24, 97; 1 sergt. july 20, 97; m. o. june 2, 98; pvt. co. I, 49 regt. feb. 8, 00. capt. feb. 8, 00. Com. explr. Feby. 8, 05. Re-el. capt. co. I, 53d Inf. Feby. 8, 05.
13.	A. A. Walburn (Chaplain 55th Infy). Born March 31, '63 in Penn. Age 42. Rk. Apr. 25, 00. Com. Apr. 25, 05.		chap. 51 regt. I. N. G. april 25, 00. Com. explr. apr. 25, 05; Re-appt chaplain 55th Inf. Apr. 25, 05.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
14.	John E. Bartley (Co. "F", 53d Infty). Born Oct. 21, '66 in Iowa. Age 30. Rk. May 2, 00. Com. June 1, 05.	2 lt. co. F, 49 inf. Iowa vols. april 26, 98; mus. june 2, 98; 1 lt. dec. 12, 98; m. o. may 18, 99.	pvt. co. B, 1 regt. I. N. G. may 21, 91; sergt. 91; co. tra. to co. M, 2 regt. april 30, 92; bat. sergt. maj. 2 regt. june 28, 92; 2 lt. co. M. 2 regt. june 22, 96; co. tra. to co. F, 1 regt. dec. 10, 96; m. o. june 2, 98; 1 lt. co. F, 49 regt. I. N. G. sept. 28, 99; capt. may 2, 00; 1 yr. Iowa agr. col. Com. exp. may 2, 05; re- el. capt. co. F, 53d inf. june 1, 05.
15.	Herbert C. Lane (Quartermaster 55th Infty). Born in Iowa. Rk. May 14, '00. Com. May 14, 05.	1 lt. and bat. adjt. 51 inf. Iowa vols. apr. 26, 98; mus. may 30, 98; m. o. nov. 2, 99.	pvt. co. M, 3 regt. I. N. G. oct. 18, 92; re-enl. oct. 19, 96; 1 lt. and c. s. 3 regt. april 11, 98; m. o. may 30, 98; capt. and q. m. 51 regt. I. N. G. may 14, 00. Com. expir. may 14, 05. Re-appt q. m. 55 inf. I. N. G. may 14, 05.
16.	George H. Castle, (Co. "E", 55th In- fty.) Born Aug. 30, '43 in Ill. Age 62. Rk. June 12, 00. Com. June 26, 05.	pvt. co. A, 9 inf. Mo. vols. june 26, 61; tra. to 59 Ill. inf. feb. 62; corp. nov. 24, 68; sergt. dec. 16, 64; 1 sergt. may 1, 65; m. o. jan. 15, 66.	pvt. co. E, 5 regt. I. N. G. may 21, 78; 1 lt. may 18, 80; maj. 5 regt. aug. 16, 84; lt. col. may 9, 85; col. july 3, 88; term expired july 3, 91; placed on retir- ed roll sept. 22, 92; capt. co. E, 51 regt. I. N. G. june 12, 00. Com. expir. June 12, 05; Re- el. capt. co. E 55 inf. june 26, 05.
17.	Edwin E. Lucas. (Co. "M", 54th In- fty). Born Mch. 30, '67 in Iowa. Age 33. Rk. Aug. 3, 00. Com. Aug. 3, 05.	1 sergt. co. M. 50 inf. Iowa vols., april 26, 98; mus. may 17, 98; m. o. nov. 30, 98.	pvt. co. M, 2 regt. I. N. G. jan. 25, 97; corp. and sergt. 97-98; m. o. may 17, 98; 1 lt. co. M, 50 regt. I. N. G. feb. 21, 99; capt. aug. 3, 00. Com. expir. Aug. 3, 05. Re-el. capt. co. M, 54 inf. aug. 3, 05.
18.	John T. Poston (Co. "B", 55th Infty). Born Apr. 15, '62 in Iowa. Age 43. Rk. Jan. 14, 01.		pvt. co. B, 5 regt. I. N. G., 79; corp., 80; col. sergt. 5 regt., 81-84; re-enl. co. B. 5th regt. 88; 1 lt. aug. 9, 89; re-elected sept. 25, 94; m. o. may 30, 98; 1 lt. co. B. 51 regt. I. N. G. dec. 10, 99; capt. jan. 14, 1901; examined mar. 7, 01.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
19.	Edward D. Middleton (Co. "B", 54th Infy.) Born July 18, '78 in Iowa. Age 27. Rk. April 18, '01.	sergt. co. B, 50 inf. Iowa vols., april 26, '98; mus. may 17, '98; m. o. nov. 30, '98.	pvt. co. B, 2 regt. I. N. G., june 24, '96; corp. and sergt, '97 and '98; m. o. may 17, '98; 2d lt. co. B, 50 regt. I. N. G. feb. 17, '01; capt. april 18, '01, examined may 16, '01.
20.	L. F. Blyler (Co. "A", 55th Infy.) Born Nov. 6, '75 in Iowa. Age 30. Rk. Dec. 10, '01.		pvt. co. A, 3d regt. I. N. G. aug. 1, '92; re-enl. aug. 1, '95; 2d lt. nov. 13, '95; resig. jan. 18, '97; re-enl. feb. 7, '97; dischg. oct. 7, '97; pvt. co. A, 51 regt. I. N. G. dec. 10, '01; capt. dec. 10, '01; examined dec. 19, '01.
21.	Claude M. Stanley (Co. "K", 55th Infy.) Born March 5, '72 in Iowa. Age 33. Rk. May 27, '02.	corp. co. K, 51 inf. Iowa vol. april 26, '98; mus. may 30, '98; dis. jan. 14, '99.	pvt. co. K, 3 regt. I. N. G. apr. 22, '98; m. o. may 30, '98; 2 lt. co. K, 51 regt. I. N. G. feb. 24, '00; 1 lt. nov. 5, '00; capt. may 27, '02; examined june 19, '02.
22.	David W. Harvey (Co. "D", 54th Infy.) Born March 7, '66 in Iowa. Age 39. Rk. June 9, '02.	capt. co. D, 50 inf. Iowa vols. april 26, '98; mus. may 18, '98; m. o. nov. 30, '98.	pvt. co. D, 2 regt. I. N. G. aug. 22, '92; 2 lt. nov. 29, '93; capt. oct. 15, '96; m. o. may 17, '98; pvt. co. D, 50 regt. I. N. G., may 29, '02; capt. june 9, '02; examined june 19, '02.
23.	Jerome B. Frisbee (Co. "E", 56th Infy.) Born May 27, '73 in Wisc. Age 32. Rk. June 16, '02.	sgt. co. E, 52 inf. Iowa vols. april 26, '98; mus. may 25, '98; 2 lt. co. C, 52 regt. Iowa vols. sept. 1, '98; m. o. oct. 80, '98.	2 yrs. Col. N. G.; 2 lt. 4 yrs. Iowa State College, rank of lt. col.; pvt. co. L, 2 regt. I. N. G. oct. 17, '92; dis. nov. 18, '92; pvt. co. E, 4 regt. april 23, '98; sgt. may, '98; m. o. may 25, '98; pvt. co. E, 52 regt. I. N. G. june 16, '02; capt. june 16, '02; examined june 20, '02.
24.	Robert A. Campbell (Co. "L", 53d Infy.) Born March 11, '67 in N. Y. Age 38. Rk. June 16, '02.		1 yr. co. B, 1 regt. Wisc., N. G. 6 mos; co. "B" Rockford Rifles; capt. co. L, 49 rgt. I. N. G. june 16, '02; examined july 2, '02.
25.	Carl W. Reed (Co. "E", 53d Infy.) Born May 6, '78 in Ia. Age 32. Rk. June 23, '02.		1 yr. in cadet batt. university of Wisc., pvt. co. E, 53 inf. I. N. G. june 23, '02; capt. june 23, '02; exam. july 2, '02.
26.	Cyrus E. Caughlan, (Co. G, 54 Infy.) Born Sept. 10, '64 in Mo. Age 41. Rk. Nov. 3, '02.		pvt. co. G., 50 regt. I. N. G. feb. 24, '99; 2 lt. nov. 25, '01; examined dec. 19, '01; capt. nov. 3, '02; examined dec. 4, '02.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
27.	Wiley S. Rankin (Co. "A" 56th Infy.). Born Oct. 6, '74 in Ill. Age 31. Rk. Jany. 26, 03.	sergt. co. A, 52 inf. Iowa vol. april 26, 98; mus. may 25, 98; m. o. oct. 30, 98.	pvt. co. A, 4 regt. I. N. G. july 10, 94; mus., corp. and sergt. m. o. may 25, 98; 2 lt. co. A, 52 regt. I. N. G. march 22, 99; capt. jan. 26, 03; examined feb. 26, 03.
28.	James E. Williams (Co. "K", 56th In- ftry.) Born March 7, '79 in Iowa. Age 26. Rk. Mch. 9, 03.	pvt. co. K, 52 inf. Iowa vol. may 8, 98, mus. may 25, 98; m. o. oct. 30, 98.	pvt. co. K, 52 regt. I. N. G. march 14, 99; sergt. march 14, 99; re-enl. March 14, 02; capt. march 9, 03; examined april 2, 03.
29.	Wm. H. Frost (Chap- lain 54th Infy.). Born March 1, '65 in Canada. Age 40. Rk. Apr. 8, 03.		Chap. 54 inf. I. N. G. april 8, 1903.
30.	Fred A. Moore (Co. "F", 54th Infy.) Born April 29, '75 in Iowa. Age 30. Rk. Apr. 20, 03.	q. m. sergt. co. F, 51 inf. Iowa vol. april 26, 98; mus. may 30, 98; sergt. july 14, 98; 1 sergt. aug. 4, 99; m. o. nov. 2, 99.	pvt. co. F, 3 reg. I. N. G. may 22, 96; sergt. june 29, 97; m. o. may 30, 98; 1 lt. co. F, 51 regt. I. N. G., mar. 7, 00, tfd. co. F, 54; capt. april 20, 03; examined june 4, 03.
31.	Lloyd D. Ross (Insp. S. A. P.) Born July 9, '76 in Iowa. Age 29. Rk. Apr. 27, 03.	corp. co. M, 51 inf. Iowa vol. april 26, 98; mus. may 30, 98; m. o. nov. 2, 99.	pvt. co. M, 3 reg. I. N. G. june 28, 94; re-enl. july 16, 97; m. o. may 30, 98; pvt. co. M. 51 regt. I. N. G. nov. 21, 99; 2 lt. april 8, 01; exam. may 16, 01; insp. s. a. p. apr. 27, 03; exam. july 1, 03.
32.	Harry Kern (Quar- termaster 54th Infy.) Born Oct. 9, '77 in Iowa. Age 28. Rk. May 18, 03. Com. Mch. 29, 04.	q. m. sergt. co. C, 50 inf. Iowa vol., april 26, 98; mus. may 17, 98; m. o. nov. 30, 98.	pvt. co. C, 2 regt. I. N. G. june 29, 95; dis. jan. 11, 96, enl. june 5, 96; m. o. may 17, 98; enl. co. "C" 50th rgt. I. N. G. feb. 13, 99, 2 lt. feb. 5, 00; 1 lt. and bat. adjt. mar. 4, 01; examined may 16, 01; capt. may 18, 03; ex- amined june 5, 03. capt. and q. m. 54th. inf. march 29, 04.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
83.	Arthur L. Rule (Quartermaster 56th Infy.) Born Jany. 4, '76 in Iowa. Age 29. Rk. May 28, 08.	1 lt. and bat. adjt. 52 inf. Iowa, vols., april 26, 98; mus. may 25, 98; res. july 7, 98.	pvt. corp. sergt. Shattuck school cadets, 92 and 93, capt. 94; mus. co. A, 6 regt. I. N. G. aug. 9, 87; tra. to co. A, regt. april 30, 92; capt. 4 regt. aug. 4, 92; 1 lt. and bat. adjt. 4 regt. oct. 14, 95; m. o. may 25, 1 maj. and asst. insp. gen. july 28, 98, res. dec. 26, 00, bat. adjt. 49 regt. I. N. G. dec. 24, 00; capt. co. C 49 regt. I. N. G. dec. 2, 01; examined dec. 19, 01; res. oct. 20, 02; capt. and Q. M. 56 regt. I. N. G. may 28, 03.
84.	Gray Warren (Co. "B", 56th Infy.) Born June 22, '74 in Ill. Age 31. Rk. July 28, 08.		pvt. co. B, 56 inf. I. N. G. july 28, 03; capt. july 28, 03; examined aug. 11, 03.
85.	Wilbur S. Conkling (Asst. Surgeon.) Born Sept. 17, '78 in Iowa. Age 32. Rk. Feby. 27, 04. Com. May 8, 05.	hosp. std. 51 inf. Iowa vols. april 26, 98; mus. may 30, 98; 1 lt. and asst. surg. 51 inf. feb. 27, 99, mus. mar. 3, 99; m. o. nov. 2, 99.	pvt. co. H, 3 regt. I. N. G., mar. 18, 96; tra. to 3 regt. hosp. corps april 8, 98; m. o. may 30, 98; 1 lt. and asst. surg. I. N. G., april 11, 00. Com. expir april 11, 05; Re-appt. capt. and asst. surg. may 8, 05.
86.	John C. Myers (Co. "D", 55th Infy.) Born Oct. 13, '77 in Iowa. Age 28. Rk. Mch. 14, 04.	pvt. co. D, 51 inf. Iowa vols. apr. 26, 98; mus. may 30, 98; m. o. nov. 2, 99.	pvt. co. D, 3 regt. I. N. G. apr. 23, 97; m. o. may 30, 98; 2 lt. co. D, 55 regt. I. N. G. jan. 12, 03; examined jan. 29, 03; capt. mch. 14, 04 exam. apr. 28, 04.
87.	Charles U. Frack (Regtl. Adjt. 54th Infy.) Born April 14, '70 in Iowa. Age 35. Rk. Mar. 26, 04.	2 sergt. co. C, 50 inf. Iowa vols. april 26, 98; mus. May 17, 98; 1 sergt. sep. 27, 98; m. o. nov. 30, 98.	pvt. co. C, 2 regt. I. N. G. june 1, 95; sergt. feb. 17, 97; m. o. may 17, 98; 2 lt. co. C, 50 regt. I. N. G. feb. 13, 99; 1 lt. feb. 5, 00; rea. July 3, 01; re-en- l june 10, 02; batt. sergt. maj. aug. 10, 02; 1 lt. co. C, 54 inf. I. N. G. aug. 3, 03; examined aug. 27, 03. capt. regtl. adjt. 54th inf. march 26, 04, examined may 29, 04.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
38.	Edwin H. Brown (Commissary 56th Infy.) Born Jany. 20, '62 in N. Y. Age 43. Rk. Apr. 15, 04. Com. June 21, 04.	1 lt. and bat. adjt. 52 inf. Iowa vols. april 26, 98; mus. may 25, 98; m. o. oct. 30, 98.	pvt. co. H, 6 regt. I. N. G. july 19, 86; ord. sergt. 4 regt. aug. 1, 92; 1 lt. and bat. adjt. 4 regt. may 1, 95; com. of sub. 4 regt. july 8, 97; 1 lt. and bat. adjt. 4 regt. april 26, 98; m. o. may 25, 98; 1 lt. and com. of sub. 52 regt. I. N. G. june 21, 99. com. expir. june 21, 04; re-appt. capt. and cwy of sub. 56th. inf. june 21, 04.
39.	Stanley Miller (Commissary 54th Infy.) Born March 29, '77 in Iowa. Age 28. Rk. Apr. 15, 04. Com. Dec. 24, 03.	pvt. co. D, 50 inf. Iowa vols. april 26, 98; mus. may 17, 98; corp. 30, 98; m. o. nov. 30, 98.	pvt. co. D, 2 regt. I. N. G. feb. 21, 98; m. o. may 17, 98; 2 lt. co. D, 50 regt. I. N. G. feb. 15, 99; m. o. may 12, 02; elect. 2 lt. june 9, 02; exam. june 19, 02; comy. of sub. dec. 24, 03;
40.	Edwin S. Geist (Insp. S. A. P.) Born March 15, '78 in Iowa. Age 32. Rk. Apr. 17, 04.	1 lt. co. B, 49th inf. Iowa vols. may 25, 98; mus. june 2, 98; m. o. may 18, 99.	pvt. co. B, 1 regt. I. N. G. april 8, 95; 1 sergt. july 27, 96; 1 lt. may 25, 98; m. o. june 2, 98; 1 lt. co. B, 49 regt. I. N. G. feb. 6, 00; insp. a. a. p. apr. 17, 04; exam. dec. 8, 04.
41.	George W. Ball (Co. "I", 54th Infy.) Born Feby. 16, '81 in Iowa. Age 24. Rk. May 9, 04.		4 years State Univ. pvt. co. I, 50 regt. I. N. G. july 9, 00; 2 lt. april 8, 01; exam. may 16, 01; 1 lt. june 22, 03; capt. co. I, 54 inf. may 9, 04; exam. june 21, 04.
42.	Elliott R. King (Asst. surg.) Born June 12, '69 in Iowa. Age 36. Rk. May 20, 04.		pvt. co. C, 2 regt. I. N. G. july 5, 92; corp. jan. 95; dis. june 10, 96; 1 lt. and asst. surg. I. N. G. may 20, 99; com. expir. may 20, 01; re-appt. capt. and asst. sur. may 20, 04.
43.	Bertram J. Price (Co. "G", 56th Infy.) Born Jany. 17, '78 in Penn. Age 27. Rk. June 13, 04.		pvt. co. G, 52 regt. I. N. G. mar. 1, 00; dis. aug. 9, 01; re-enl. july 13, 03; 2 lt. aug. 29, 03; exam. sep. 7, 03; capt. co. G, 56 inf. I. N. G. jun. 18, 04; exam. jun. 21, 04.
44.	W. Cornish Beck (Regtl. Adj. 56th Infy.) Born May 23, '81 in Iowa. Age 24. Rk. July 14, 04.		pvt. co. L, 56 I. N. G. june 9, 03; bat. sergt. maj. june 11, 03; 2d lt. co. L, 56 inf. I. N. G. oct. 14, 03; exam. jan. 28, 04; capt. and regtl. adjt. 56 I. N. G. july 14, 04. exam. nov. 14, 04.

ADJUTANT GENERAL'S REPORT.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
45.	Willard M. Flynn (Co. "H", 56th In- ftry.) Born in Iowa. Rk. Sept. 12, '04.	capt. A, 49th Iowa vols. apr. 26, '98; mus. june 2, '98; m. o. may 13, '99, at Savannah, Ga.	pvt. co. A, 4 I. N. G. july 2, '90; corp. sep. 14, '92; co. tra. to 1 regt. apr. 30, '92; sergt. aug. 20, '94; 1 sergt. apr. 10, '95; re-enl. july 2, '95; re-enl. july 2, '96; 2d lt. may 7, '97; 1 lt. june 22, '97; capt. dec. 6, '97; m. o. june 2, '98; capt. H, 56 I. N. G. sept. 12, 1904; exam. nov. 14, '04.
46.	John G. Ralchle (Co. "H", 54th In- ftry.) Born March 12, '74 in Germany. Age 31. Rk. Sept. 12, '04.	corp. 6 Iowa batt. light art. vols. june 25, '98; mus. july 8, '98; m. o. sept. 5, '98.	pvt. co. F, 50 regt. I. N. G. july 16, '00; 2 lt. june 16, '02; co. tra. to co. H, 54 inf. nov. 26, '02; exam. aug. 5, '02; capt. sept. 12, '04; ex. nov. 22, '04.
47.	Harry C. Armstrong (Insp. S. A. P.) Born Feby. 24, '75 in Iowa. Age 30. Rk. Oct. 7, '04.	2 m. sgt. co. K, 52d inf. Iowa vols. mus. may 25 '98; m. o. Oct. 30, '98.	pvt. co. K, 4 regt. I. N. G. june 17, '94; re-enl. june 14, '97; m. o. may 25, '98; pvt. co. K, 52 regt. I. N. G. mar. 14, '99; sgt. july 8, '97; capt. may 28, '00; resig. jan. 28, '03; insp. s. a. p. Oct. 7, '04; exam. dec. 24, '04.
48.	R. D. Rutherford, (Co. L, 55th Inftry). Born Nov. 30, '79 in West Virginia. Age 26. Rk. Oct. 28, '04.	pvt. co. L, 51 inf. Iowa vols. apr. 26, '98; mus. may 30, '98; mus. sept. 12, '99; m. o. nov. 2, '99.	pvt. co. L, 3 regt. I. N. G. apr. 23, '98; m. o. may 30, '98; pvt. co. L, 51 regt. I. N. G. jan. 18, '00; dis. dec. 8, '01; re- en. july 10, '02; 2 lt. sept. 22, '03; exam. oct. 9, '03; 1 lt. may 31, '04. capt. oct. 28, '04; exam. dec. 17, '04.
49.	Thos. A. Berkebile, (Co. C 53d Inftry). Born June 9, '71 in Penn. Age 34. Rk. Nov. 25, '04.		pvt. co. H, 3 inf. Mo. N. G. from 91 to 94; capt. co. C, 53 inf. I. N. G. nov. 25, '04; exam. jan. 7, '05.
50.	Claude A. Baker, (Co E, 54th Inftry). Born July 22, '81. in Iowa. Age 24. Rk. Dec. 19, '04.	pvt. co. E, 50 inf. Iowa vols. april 26, '98; mus. may 17, '98; m. o. nov. 30, '98.	pvt. co. E, 2 regt. I. N. G. may 24, '97; m. o. may 17, '98; pvt. co. E, 50 regt. I. N. G. feb. 2, '99; re-enl. feb. 10, '02; re-enl. feb 11, '03; 2 lt. july 6, '03; exam. sept. 16, '03; capt. co. E, 54 inf. dec. 19, '04; exam. jan. 7, '05.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
51.	Guy R. Brewer, (Comay. 55th Infy). Born Dec. 2, '75 in Ia. Age 30. Rk. March 27, '05.	pvt. co. H, 51 inf. Iowa vols. april 26, 98; mus. may 30, 98; corp. june 20, 98; m. o. nov. 2, 99 at San Francisco, Cal.	pvt. co. H, 3 I. N. G. apr 21, 98; m. o. may 30, 98; pvt. co. H. 51 I. N. G. feb. 15, 00; dis. may 21, 00; Ord. sgt. 51 I. N. G. sept. 1, 00; regt. sgt. maj. aug. 17, 01; comay. of sub. 55th inf. mar. 27, 05.
52.	Louis E. Schmitt, (Co. H, 53d Infy). Born June 29, '72 in Wisc. Age 33. Rk. Apr. 7, '05.		mil. instr. at Wisc. Univ. during part of 92 and 93; mil. instr. Ia. State Normal School about 7 mos; pvt. co. H, 53 inf. I. N. G. apr. 7, 05; capt. apr. 7, 05.
53.	Charles P. Skemp, (Co. A, 53d Infy). Born Aug. 30, '75 in Ill. Age 30. Rk. Apr. 10, '05.	pvt. co. A, 49 inf. Iowa vols. april 26, 98; mus. june 2, 98; corp. dec. 1, 98; m. o. may 18, 99.	pvt. co. A, 1 regt. I. N. G. feb. 25, 98; m. o. june 2, 98; pvt. co. A, 49 regt. I. N. G. sept. 18, 99; sergt. sep. 18, 99; 1 lt. oct. 5, 01; exam. nov. 21, 1901; capt. A, 53 inf. apr. 10, 05; exam. june 16, 05.
54.	Ivan E. Ellwood, (Co. M, 55th Infy). Born Dec. 1, '76 in Ia. Age 29. Rk. Apr. 17, '05.	mus. co. M, 51 inf. Iowa vols. apr. 26, 98; mus. may 30, 98; corp. june 20, 98; m. o. nov. 2, 99.	pvt. co. M, 3 regt. I. N. G. oct. 18, 93; re-en. oct. 19, 96; m. o. may 30, 98; pvt. co. M, 51 regt. I. N. G. nov. 21, 99; corp. june 21, 00; sergt. july 31, 01; re-en nov. 21, 02; 2 lt. aug. 3, 03; exam. aug. 27, 03; 1 lt. jan. 23, 05; capt. apr. 17, 05; exam. june 16, 05.
55.	Harry G. Utley, (Co. D, 53d Infy). Born Jan. 4, '74 in Ia. Age 31. Rk. Apr. 25, '05.		pvt co D, 53d inf. I. N. G. apr. 25, 05; capt. apr. 25, 05; exam. june 16, 05.
56.	Joseph R. Fralley, (Co. A, 54th Infy). Born March 2, '76 in Iowa. Age 29. Rk. May 5, '05.	2 lt. co. F, 50 inf. Iowa vols. may 14, 98; mus. may 17, 98; m. o. nov. 30, 98.	4 yrs. as pvt. corp. sergt. and capt. cadets State University; pvt. co. F. 2 regt. I. N. G. may 14, 94; corp. and sergt. 97; 2 lt. may 14, 98; m. o. may 17, 98; 1 lt. co. F, 50 regt. I. N. G. feb. 22, 99; bat. adjt. 50 regt. apr. 15, 99; app. reg. q. m. april 29, 01; exam. dec. 19, 01; resg. oct. 8, 03; capt. co. A. 54 inf. may 5, 05.
57.	Albert B. Deering, (Asst. Surgeon). Born July 27, '74 in Ia. Age 31. Rk. May 8, '05.	hosp. std. 49 inf. Iowa vols. may 20, 98; mus. june 2, 98; dis. jan. 10, 99.	2 years Iowa Agr. Col. 1 lt. and asst. surg. I. N. G. april 26, 00; com. explr. april 26, 05; re- appt. capt. and asst. surg. may 8, 05.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
58.	William Bell, (Co. I, 55th Infy). Born March 18, '56 in Oregon. Age 50. Rk May 25, '05.		1 sgt. 5th I. N. G. drum major aug. 20, 1888; to July 2, '91; 1 sgt. drum maj. July 2, '91 to July 5, '92; bat. adjt. 3 I. N. G. July 5, '92; m. o. May 98; pvt. co. I 55 I. N. G. May 25, '05; capt. May 25, '05; exam. June 18, '05.
59.	George M. Johnson, (Co M, 53d Infy). Born Oct. 10, '75 in Conn. Age 30. Rk. June 12, '05.	1 lt. co. M, 49 inf. Iowa vols. May 12, '98; mus. June 2, '98; m. o. May 18, '99.	4 years State Univ. of Ia. as pvt. sergt. 1 lt. capt. '97; co. M, 1 regt. I. N. G. Dec. 14, '93; corp. sergt. '94 and '95; 2 lt. Aug. 8, '96; 1 lt. May 12, '98; m. o. June 2, '98; 1 lt. co. M, 49 regt. I. N. G. Jan. 17, '00; capt. co. M, 53 inf. June 12, '05.
60.	Harley B. Wilson, (Co. I, 56th Infy). Born Oct. 28, '75 in Ia. Age 30. Rk. June 12, '05.	sergt. co. I, 52 inf. Iowa vols. April 26, '98; mus. May 25, '98; m. o. Oct. 30, '98.	pvt. co. I, 4 regt. I. N. G. April 9, '95; corp. and sergt. '98; re-enl. April 9, '98; m. o. May 25, '98; pvt. co. I, 52 regt. I. N. G. April 5, '99; 2 lt. May 24, '00; 1 lt. June 6, '01; exam. July 11, '01; capt. June 12, '06.
61.	Amos W. Brandt, (Co. F, 55th Infy). Born Aug. 24, '50 in Ind. Age 55. Rk. July 17, '05.	capt. co. M, 7 rgt. U. S. vol. inf. June 26, '98; m. o. Feb. 2, '99; capt. co. F, 32 rgt. inf. U. S. vols. July 5, '99; m. o. May 8, '01.	capt. co. F, 55 inf. I. N. G. July 17, '05.
62.	Harry H. Edwards, (Co L, 56th Infy). Born Nov. 24, '75 in S. Dak. Age 30. Rk. Aug. 9, '05.	pvt. co. L, 52 Iowa vols. Apr. 26, '98; mus. May 25, '98; m. o. Oct. 30, '98 at Des Moines, Ia.	pvt. co. L, 4 regt. I. N. G. May 14, '96; tra. to 52 Ia. vols. Apr. 26, '98; re-enl. co. L, 52 I. N. G. Mar. 10, '99; corp. Mar. 10, '99; sgt. Nov. 22, '99; dis. Mar. 10, '02; re-enl. Mar. 10, '02; ser. Apr. 2, '02; dis. Nov. 26, '02; pvt. 1 sig. co. Mar. 28, '03; capt. June 28, '03; exam. July 1, '03; resig. Nov. 4, '03; re-enl. co. L, 56 inf. I. N. G. Nov. 14, '03; bat. sgt. Maj. Jan. 1, '04; regt. sgt. Maj. July 7, '04; 1 lt. co. L, 56 inf. I. N. G. Jan. 12, '05; capt. Aug. 9, '05.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
63.	Thomas C. Dalsell, (Co. L, 54th Inftry). Born Aug. 15, '66 in Ill. Age 39. Rk. Sept. 5, '05.	capt. co. B, 50 inf. Iowa vols. april 28, 98; mus. may 17, 98; m. o. nov. 30, 98.	pvt. co. B, 2 regt. I. N. G. oct. 29, 91; 1 lt. jan. 15, 94; capt. dec. 28, 96; m. o. may 17, 98; pvt. co. B, 50 regt. I. N. G. feb. 14, 99; capt. feb. 14, 99; maj. mar. 20, 99; res. july 7, 99; re-enl. july 31, 99; capt. sept. 11, 99; res. apr. 18, 01; re-enl. apr. 22, 01; tra. to co. L, 50 regt. I. N. G. jan. 2, 02; sergt. mar. 11, 02; bat adjt. feb. 20, 02; ex- am. apr. 24, 02; 1 lt. co. L, 54 regt. I. N. G. dec. 22, 02; capt. sept. 12, 03; exam. sep. 16, 03; resig. jan. 3, 05; re-enl. as pvt. co. L, 54 inf jan. 23, 05; reg. q. m. sergt. july 7, 05; capt. L, 54 inf. sept. 5, 05.
64.	Charles W. Aikins, (Co. G, 55th Inftry). Born March 19, '71 in Iowa. Age 34. Rk. Sept. 18, '05.		2lt. co. G, 51 regt. I. N. G. mar. 11, 01; exam. april 4, 01; 1 lt. jan. 12, 03; capt. sept. 18, 05; exam. dec. 7, 1905.
65.	Harry S. Parker, (Co. M, 56th Inftry). Born Jany. 10, '80 in Iowa. Age 25. Rk. Sept. 22, 05.		military instr. at Iowa State Normal School 1 year; 2 lt. co. M, 56 I. N. G. dec. 28, 04; exam. feb. 23, 05; 1 lt. mar. 16, 05; capt. sept. 22, 05; exam. dec. 7, 1905.
66.	Clarence J. Miller, (Co. D, 56th Inftry). Born Dec. 24, 71 in Ia. Age 33. Rk. Oct. 23, 05.	pvt. co. E, 52 Iowa vols. may 23, 98; mus. may 25, 98; m. o. oct. 30, 98; at Des Moines, Ia.	pvt. co. D, 56 I. N. G. june 2, 04; sgt. june 27 04; capt. oct. 23, 05; exam. dec. 7, 05.
67.	Fred Dragoun, (Co. K, 53d Inftry). Born July 1, 79 in Ia. Age 26. Rk. Oct. 24, '05.		pvt. co. K, 49 inf. I. N. G. dec. 6, 99; corp. jan. 28, 01; sergt. july 01; 1 lt. june 16, 02; exam. oct. 16, 02. capt. oct. 24, 05; exam. dec. 7, 1905.
68.	H. L. Triplett, (Co. K, 54th Inftry). Rk. Oct. 24, '05.		capt. co. K, 54 inf. I. N. G. oct. 24, 1905; exam. dec. 7, 1905.
69.	W. S. Norton, (Co. C, 54th Inftry). Rk. Nov. 20, 05.		capt. co. C, 54 inf. I. N. G. nov. 20, 05; exam. dec. 7, 1905.
70.	Herman Knapp, (Co. C, 55th Inftry). Rk. Nov. 22, 05.		capt. co. C, 55 inf. I. N. G. nov. 22, 05.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.

FIRST LIEUTENANTS.

1.	Edmund A. Ringland (Bat. Adj. 56 Infy) Born Nov. 6, '74 in Ia. Age 31. Rk. June 21, '99. Com. June 21, '04.	capt. co. I, 52 inf. Iowa vols. april 26, '98; mus. may 25, '98; m. o. oct. 30, '98	pvt. co. A, 4 regt. I. N. G. may 25, '91; co. trs. to co. I, 4 regt. apr. 30, '92; sergt. july 25, '92; 2 lt. feb. 5, '95; capt. aug. 17, '97; m. o. may 25, '98; 1 lt. and bat. adjt. 52 regt. I. N. G. june 21, '99; com. expir. june 21, '04; re-appt. june 21, '04; exam. june 21, '04.
2.	Conrad F. Helbig, Co. A, 56th Infy). Born Sept. 5, '70 in Mo. Age 35. Rk. Jan. 3, '00.	pvt. co. A, 52 inf. Iowa vols. april 26, '98; mus. may 25, '98; m. o. oct. 30, '98.	3 years co. I, 5 regt. Ill. N. G. pvt. co. A, 4 regt. I. N. G. april 23, '98; m. o. may 25, '98; pvt. co. A, 52 regt. I. N. G. mar. 22, '99; corp. mar. 22, '99; 1 lt. jan. 3, '00.
3.	George L. Garton, (Bat. Adj. 55th Infy). Born Apr. 16, '77 in Ia. Age 28, Rk. May 15, '00. Com. May 22, '05.	sergt. co. II, 51 inf. Iowa vols. april 26, '98; mus. may 30, '98; reg. o. m. sergt. mar. 29, '99; m. o. nov. 2, '99.	pvt. co. H, 3 regt. I. N. G. oct. 11, '92; corp. and sergt. m. o. may 30, '98; 1 lt. and bat. adjt. 51 regt. I. N. G. may 15, '00; com. expir. may 15, '05; re-app. bat. adjt. 55 inf. may 22, '05.
4.	Wiles W. Newby, (Bat. Adj. 56 Infy) Born June 2, '68 in Ind. Age 37. Rk. June 6, '00. Com. Nov. 10, '03.		1 lt. co. M, 52 regt. I. N. G. June 6, '00; bat. adjt. nov. 10, '03; exam. dec. 17, '03.
5.	Lorle D. Perrine, (Bat. Adj. 54 Infy) Born Dec. 27, '75 in Ill. Age 30. Rk. July 16, '00. Com. Sept. 29, '04.	sergt. 6 bat. Iowa vols. june 24, '98; mus. july 8, '98; m. o. sept. 5, '98.	pvt. co. G, 2 regt. I. N. G. july 1, '95; dis. sept. 27, '95; 1 lt. co. F, 50 regt. I. N. G. july 16, '00; 1 lt. and bat. adjt. 54 inf. sept. 29, '04.
6.	Seth Dean, (Eng. Officer). Born Oct. 20, '51 in Ia. Age 51 Rk. March 8, '01.		pvt. co. C, 5 regt. I. N. G. april 22, '79; corp. and sergt. 80 and 82; 2 lt. jan. 31, '87; term expir. jan. 31, '92; 1 lt. and eng. off. I. N. G. mar. 8, '01; exam. july 11, '01.

RELATIVE RANK OF OFFICERS - CONTINUED.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
7.	Sam C. Smith, (Bat. Adj't 55th Inf'ty). Born Feby. 2, '68 in Mass. Age 37. Rk. July 30, '01.		2 years Iowa State Normal School, 2 yrs. State Univ. of Iowa; pvt. co. G. 51th reg't I. N. G. march 11, 01; 1 lt. and bat. adj't. 51 reg't. July 30, 01; exam. aug. 8, 01.
8.	Andrew M. McCormick, (Co. F, 53d Inf'ty). Born Feby. 25, '79 in Ia. Age 26. Rk. Oct. 1, '01.	sgt. co. F, 49 inf. Iowa vols. april 26, 98; mus. June 2, 98; m. o. may 13, 99.	pvt. co. F, 1 reg't I. N. G. May 1, 95; re-enl. May 1, 98; m. o. June 2, 98; pvt. co. F, 49 reg't I. N. G. July 27, 90; 1 lt. Oct. 1, 01; exam. Nov. 21, 01.
9.	Vernon Forbes, (Co. A, 55th Inf'ty). Born Jan'y. 15, '74 in Ill. Age 31. Rk. Dec. 10, '01.		pvt. co. A, 51 reg't I. N. G. Dec. 10, 01; 1 lt. Dec. 10, 01; exam. Dec. 19, 01.
10.	Frank K. Hahn, (Bat. Adj't. 53 Inf'ty). Born Oct. 24, '74 in Ia. Age 31. Rank June 15, '02.	1 sergt. co. C, 49 Iowa vols. June 2, 98; mus. out May 13, 99.	Cornell College Bat. 1890 to 1892; pvt. co. C, 1 reg't I. N. G. July 10, 95; sergt. Jan. 7, 97; 1 ser. April 5, 97 to May 13, 99; capt. co. C, 49 reg't I. N. G. Dec 7, 99; re-sig. Nov. 30, 01; bat. adj't. June 15, 02; exam. June 19, 02.
11.	Fred C. Brooks, (Co. E, 53d Inf'ty). Born Aug. 27 '74 in Kans. Age 31. Rk. June 23, '02.	pvt. co. I, 49 inf. Iowa vols. July 1, 98; mus. July 1, 98; m. o. May 13, 99.	pvt. co. E, 53 inf. I. N. G. June 23, 02; 1 lt. June 23, 02; exam. July 2, 02.
12.	Paul E. Bellamy, (Co. D, 55th Inf'ty). Born Nov. 17, '79 in Ia. Age 26. Rk. July 15, '02.	5 cor. co. D, 51 inf. Iowa vols. Apr. 26, 98; mus. May 30, 98; dis. Aug. 6, 99.	pvt. co. D, 3 reg't I. N. G. July 11, 95; m. o. May 30, 98; pvt. co. D, 51 reg't I. N. G. June 23, 02; 1 lt. July 15, 02; exam. July 23, 02.
13.	Carl E. Frudden, (Bat. Adj't. 53 Inf'ty). Born Jan'y. 27, '79 in Iowa. Age 26. Rk. July 22, '02.	pvt. co. A, 49 Iowa vols. April 28, 98; mus. June 2, 98; dis. Jan. 23, 99, at Havana, Cuba.	pvt. co. A, 1 reg't I. N. G. June 15, 96; mus. out June 2, 98; pvt. co. A, 49 reg't I. N. G. June 17, 01; reg't. sergt.-maj. Nov. 20, 01; bat. adj't. July 22, 02; exam. Oct. 16, 02.
14.	Edward J. Rosenauer, (Co. G, 54 Inf'ty). Born Oct. 13, '81 in Ia. Age 24. Rk. Nov. 3, 02.		pvt. co. G, 50 reg't I. N. G. Feb. 24, 99; corp. Aug. 7, 00; sergt. Oct. 23, 01; 2 lt. Feb. 10, 02; 1 lt. Nov. 3, 02; exam. Feb. 20, 02.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
15.	George W. Sanders, (Bat. Adj. 53 Infy) Born Feby. 22, '75 in Ia. Age 30. Rk. Jany. 5, '03. Com. Feby. 3, '03.	1 sergt. co. G, 49 inf. Ia. vols. april 26, '98; mus. June 2, '98; 2 lt. dec. 14, '98; mus. out may 18, '99.	pvt. co. G, 1 regt. I. N. G. april 23, '94; corp. and sergt. '94 and '98; mus. out June 2, '98; 2 lt. co. G, 49 regt. I. N. G. July 2, '00; 1 lt. Jan. 5, '03; exam. Jan. 28, '03; bat. adjt. 53, Feb. 3, '03; exam. Feb. 9, '03.
16.	Frank D. Grout, (Co. K, 56 Infy). Born Apr. 18, '78 in Ia. Age 27. Rk. Mar. 9, '03.	4 corp. co. K, 52 inf. Ia. vols. april 26, '98; mus. may 25, '98; m. o. oct. 30, '98.	pvt. co. K, 4 regt. I. N. G. april 12, '95; re-enl. a. april 23, '98; m. o. may 30, '98; pvt. co. K, 52 regt. I. N. G. april 9, '00; corp. april 9, '00; 1 lt. mar. 9, '03; exam. april 2, '03.
17.	George M. Teed, (Co. C, 56 Infy). Born Oct. 17, '75 in Ia. Age 30. Rk. March, 30, '03.		pvt. co. C, 4 regt. I. N. G. mar. 22, '95; corp. July 15, '97; re-enl. mar. 22, '98; dis. may 18, '98; pvt. co. C, 52 regt. I. N. G. mar. 16, '99; sergt. april 16, '00; re-enl. mar. 27, '02; re-enl. mar. 30, '03; 1 lt. mar. 30, '03; exam. June 4, '03.
18.	Ben Baker, (Co. B, 55th Infy). Born Nov. 11, '70 in Ia. Age 35. Rk. Apr. 11, '03.	co. A, U. S. A. 2 inf. sept. 26, '91 to oct. 29, '93; corp. oct. 14, '93; pvt. co. K, 51 inf. Iowa vols June 18, '98; mus. June 18, '98; corp. June 20, '98; m. o. as pvt. nov. 2, '99.	enl. co. B, 5 regt. I. N. G. 89 to 91; pvt. co. B, 3 regt. I. N. G. march 10, '94; trs. to N. C. staff as bat. sergt. maj. Feb. 16, '98; dis. may 26, '98; pvt. co. B, 51 regt. I. N. G. dec. 13, '99; re-enl. Jan. 10, '03; 1 lt. april 11, '03; exam. June 4, '03.
19.	James D. Mason, (Co. B, 54 Infy). Born May 20, '80 in Ia. Age 25. Rk. Apr. 13, '03.	pvt. co. B, 50 inf. Iowa vols. april 26, '98; mus. may 17, '98; corp. sep. 19, '98; m. o. nov. 30, '98.	pvt. co. B, 2 regt. I. N. G. June 8, '97; corp. and sergt. m. o. may 17, '98; pvt. co. B, 50 regt. I. N. G. Feb. 14, '99; corp. and sergt. '99; 2 lt. mar. 5, '01; exam. march 7, '01; 1 lt. april 13, '03.
20.	Winfred H. Bailey, (Co. E, 56 Infy). Born July 21, '80 in Wisc. Age 25. Rank, May 7, '03.		pvt. co. E, 52 regt. I. N. G. June 16, '02; corp. June 16, '02; sergt. July 10, '02; 1 lt. May 7, '03; exam. June 4, '03.
21.	Volla W. Green, (Co. E, 54th Infy). Born Sept. 26, '74 in Ind. Age 31. Rank July 6, '03.	pvt. co. E, 50 inf. Iowa vols. april 26, '98; mus. may 17, '98; m. o. nov. 30, '98.	one and one-half yrs. in Iowa Wesleyan Univ. pvt. co. E, 2 regt. I. N. G. June 29, '95; m. o. may 17, '98; pvt. co. E, 50 regt. I. N. G. Feb. 18, '99; re-enl. Feb. 19, '02; re-enl. Feb. 18, '03; elected 2 lt. dec. 22, '02; 1 lt. July 6, '03; exam. Feb. 26, '03.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
22.	Pierre McDermid, (Asst. Surg.). Born Dec. 4, '75 in Ia. Age 30. Rk. July 23, '03.		enl. I. N. G. July 23, '00; app. hosp. stw. dia. ex. term. July 23, '03; app. asst. surg. July 23, '03.
23.	Roy A. Cook, (Co. L, 53 Infy). Born June 29, '79 in Ia. Age 26. Rk. July 24, '03.		4 years State Univ. of Ia. pvt. co. E, 49 inf. I. N. G. July 25, '00; m. o. May 10, '02; pvt. co. L, 49 inf. I. N. G. June 16, '02; sergt. June 16, '02; 1 lt. July 24, '03; exam. Aug. 13, '03.
24.	Frederic Larrabee, (Co. G, 56 Infy). Born Nov 3, '73 in Ia. Age 32. Rk. July 28, '03.		pvt. co. G, 56 inf. I. N. G. July 13, '03; 1 lt. July 28, '03; exam. Nov. 20, '03.
25.	H. Bert Speck, (Bat. Adj. 54 Infy). Born Dec. 17, '73 in Ia. Age 32. Rank Aug. 3, '03. Com. June 4, '04.		pvt. co. F, 51 regt. I. N. G. June 12, '00; sergt. Jan. 29, '01; q. m. sergt. July 1, '01; co. trs. to co. F, 54 regt. I. N. G. 2 lt. April 20, '03; 1 lt. Aug. 3, '03; examined June 4, '03; 1 lt. and bat. adjt. 54 inf. June 4, '04.
26.	Clyde H. DeAcres, (Co. G, 53 Infy). Born Oct. 6, '82 in Ia. Age 23. Rk. Dec. 14, '03.	musc. co. G, 49 inf. Iowa vols. April 26, '98; mus. June 2, '98; corp. Mar. 21, '99; m. o. May 18, '99.	pvt. co. G, 1 regt. I. N. G. Mar. 22, '97; m. o. June 2, '98; pvt. co. G, 49 regt. I. N. G. Sept. 21, '99; bat. sergt. Maj. Jan. 15, '02; re-enl. Oct. 15, '02; 2 lt. Jan. 5, '03; exam. Jan. 29, '03; 1 lt. Dec. 14, '03; exam. Apr. 28, '04.
27.	Albert S. Bowen, (Co. I, 53 Infy). Born July 28, '79 in Ia. Age 26. Rk. Mar. 8, '04.		pvt. co. I, 49 I. N. G. May 12, '00; lance corp. July 4, '00; corp. Sept. 11, '00; sgt. July 22, '01; q. m. sgt. Feb. 12, '02; co. trs. to co. I, 53 I. N. G. Nov. 26, '02; dia. May 12, '03; re-enl. May 22, '03; 1 lt. Mar. 8, '04; exam. Apr. 28, '04.
28.	Albert C. Johnston, (Co. B, 56 Infy). Born May 16, '80 in Ia. Age 25. Rk. Mch. 8, '04.		pvt. co. B, 51 I. N. G. Dec. 13, '99; dia. Dec. 13, '02; pvt. co. I, 54 I. N. G. Apr. 7, '03; trs. to co. B, 56 I. N. G. Sept. 5, '03; 1 lt. Mar. 8, '04; ex- amined Apr. 28, '04.
29.	John F. Ready, (Co. M, 54 Infy). Born Nov. 14, '72 in Ia. Age 33. Rk. Apr. 11, '04.		pvt. co. M, 50 regt. I. N. G. Feb. 21, '99; corp. Aug. 8, '00; 2 lt. April 29, '01; exam. May 16, '01; 1 lt. April 11, '04.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
30.	Ralph C. Williamson, (Bat. Adj. 54 Infy). Born Aug. 8, '78 in Ia. Age 27. Rk. Apr. 28, '04.	pvt. co. F, 50 inf. Iowa vols. may 14, 98; mus. may 17, 98; trs. co I, 50 vols. June 20, 98; m. o. nov. 30, 98.	State University of Iowa, 4 years; pvt. co. I, 50 regt. I. N. G. mar. 6, 99; re-enl. mar. 7, 02; sergt. nov. 21, 99; 2 lt. July 6, 03; exam. aug. '11, 03; 1 lt. and bat. adjt. 54 inf. apr. 28, 04.
31.	George M. Middleton, (Asst. Surg.). Born Nov. 19, '74 in Ia. Age 31. Rk. May 25, '04.		pvt. co. B, 2 regt. I. N. G. 1894 and 1895; 1 lt. and asst. surg. I. N. G. may 25, 04. may 25, 04.
32.	Grant Vickers, (Co. D, 56 Infy). Born Sept. 20, '73 in Ia. Age 32. Rk. June 2, '04.	1st. sgt. co. E, 52 Iowa vols. april 26, 98; mus. may 25, 98; wounded by accidental discharge of revolver sept. 19, 98; m. o. ot. 30, 98 as 1 sgt. at Des Moines Iowa.	pvt. co. E, 4 I. N. G. jan. 25, 92; corp. July 92; sgt. apr. 93; dis. jan. 20, 97; re-enl. jan. 25, 97; trs. to 52 Iowa vols. as 1 sgt. apr. 26, 98; re-enl. co. E, 52 I. N. G. mar. 13, 99; bat. sgt. maj. June 30, 99; reg. sergt. maj. July 15, 01; dis. mar. 13, 02; pvt. co. D, 56 inf. I. N. G. June 2, 04; 1 lt. June 2, 04; exam. June 22, '04.
33.	C. Edgar Bartholomew, (Co. C 55 Infy). Born ec. 24, '71 in Ohio. Age 28. Rk. June 28, 04.	pvt. co. H, 51 inf. Iowa vols. June 16, 98; dis. feb. 18, 99; at Ames, Ia. dis. revoked mar. 17, 99; m. o. nov. 2, 99 at San Francisco, Cal.	military instr. at Iowa State Col.; pvt. co. C, 55 inf. I. N. G. June 28, 04; 1 lt. June 28, 04; exam. aug. 10, 04.
34.	Frederick W. Hood, (Co. H, 56 Infy). Born Oct. 30, '69 in Canada. Age 36. Rk. July 11, '04.	1 sergt. co. H, 52 inf. Ia. vols. april 26, 98; mus. may 25, 98; m. o. oct. 30, 98.	pvt. co. H, 6 regt. I. N. G. May 18, 96; sergt; re-enl. May 18, 96; re-enl. May 18, 97; re-enl. May 18, 98; m. o. May 25, 98; 1 lt. co. H. 52 regt. I. N. G. mar. 10, 99; res. nov. 16, 00; re-enl. nov. 20, 02; 2 lt. dec. 8, 02; exam. feb. 26, 03; 1 lt. July 11, 04.
35.	Paul I. Van Order, (Bat. Adj. 55 Infy). Born Mch. 20, '79 in Ia. Age 26. Rk. July 14, '04.		pvt. co. L, 3 regt. I. N. G. July 16, 97; dis. May 28, 98; pvt. co. L, 51 regt. I. N. G. May 1, 00 dis. as sergt. april 29, 01; National Guard of Mo. May 12, 01; corp. June 1, 01; dis. June 30, 01; re-enl. co. L, 51 inf. July 13, 01; 2 lt. dec. 23, 01; exam. feb. 20, 02; 1 lt. april 22, 02; capt. aug. 18, 03; exam. oct. 9, 03; resig. april 20, 04; 1 lt. and bat. adjt. 55 inf. July 14, 04.

ADJUTANT-GENERAL'S REPORT.

13

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service	
		U. S. Army.	National Guard and Other Service.
36.	Charles F. Osler, (Co. F, 56 Infy). Born Mch. 30, '71 in Wisc. Age 34. Rk. Sept. 12, '04.		pvt. co. F, 52 I. N. G. feb. 14, '02; 1 lt. sept. 12, '04; exam. nov. 22, '04.
37.	Samuel A. Greene, (Co. L, 55 Infy). Born Nov. 22, '77 in Ia. Age 28. Rk. Oct. 28, '04.	pvt. co. L, 51 Iowa vols. april 26, '98; mus. may 30, '98; m. o. nov. 2, '99 at San Francisco, Cal.	Council Bluffs High Schl. cadets ind. org. for 3 years; pvt. co. L, 3 I. N. G. april 23, '98; tra. to 51 Ia. vols. april 26, '98; pvt. co. L, 51 I. N. G. June 19, '00; dis. June 19, '03; re-enl. July 14, '03; dis. July 14, '04; re-enl. July 21, '04; 2 lt. May 31, '04; exam. June 22, '04; 1 lt. Oct. 28, '04.
38.	Frank G. Woellhaf, (Co. H, 54 Infy). Born Aug. 1, '77 in Ia. Age 28. Rk. Oct. 31, '04.	pvt. 6 Iowa bat. lt. art. vols. July 7, '98; mus. July 8, '98; m. o. Sept. 5, '98 at Des Moines, Ia.	pvt. co. F, 50 I. N. G. July 20, '00; corp. Dec. 7, '00; sgt. Oct. 5, '01; 1 sgt. June 16, '02; co. tra. to Co. H, 54 Inf. I. N. G. Nov. 26, '02; re-enl. July 20, '03; 1 sgt. 1 lt. Oct. 31, '04; exam. Nov. 22, '04.
39.	Joseph D. Liggett, (1st Sig. Co.). Born June 12, '68 in Ia. Age 39. Rk. Dec. 27, '04.		pvt. co. A, 3 I. N. G. July 12, '86; corp. sgt.; 1 sgt.; re-enl. July 1, '91; insp. s. a. p. 3 rgt. I. N. G. Oct. 4, '94; m. o. May 98; 1 lt.; 1 sig. co. Dec. 27, '04; exam. Feb. 23, '05.
40.	John H. Hildebrand (Co. "B", 53d Infy). Born Apr. 7, '74 in Iowa. Age 31. Rk. Dec. 30, '04.	pvt. co. B, 49 Inf. Iowa vols. May 6, '98; mus. June 2, '98; dis. Jan. 1, '99.	pvt. co. B, 1 regt. I. N. G. May 6, '98; m. o. June 2, '98; pvt. co. B, 49 regt. I. N. G. Feb. 6, '00; 2 lieut. April 29, '02; exam. June 19, '02; lt. Dec. 30, '04.
41.	Frank H. Clements (Co. "L", 54th Infy.) Born Nov. 11, '71 in Iowa. Age 34. Rk. Jan. 30, '05.		pvt. co. L, 2d I. N. G. April 1, '92; re-enl. April 1, '95; corp. Jan. 3, '96; re-enl. April 7, '96; re-enl. May 2, '97; sgt. July 26, '97; dis. May 17, '98; pvt. co. L, 50th I. N. G. June 23, '01; 2d lt. Jan. 11, '04; exam. April 29, '04; 1st lt. Jan. 30, '05.
42.	Charles Freeman Starr (Bat. Adjt. 56th Infy.) Born Dec. 13, '76 in Iowa. Age 29. Rk. Mch. 24, '05.	1st Sgt. Co. K, 52d Ia. vols. April 26, '98; mus. May 25, '98; m. o. Oct. 30, '98 at Des Moines, Ia.	pvt. co. K, 4th I. N. G. June 14, '94; dis. June 14, '97; re-enl. June 14, '97; m. o. May 25, '98; re-enl. Co. K, 52d I. N. G. Mch. 14, '99; 1st lt. Mch. 14, '99; resig. Apr. 15, '02; 1st lt. and bat. adjt. 56th I. N. G. Mch. 24, '05.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service	
		U. S. Army.	National Guard and Other Service
43.	Frank A. Burdick (Co. "H", 53d Infy.) Born Oct. 15, '72 in Iowa. Age 33. Rk. Apr. 7, 05.		pvt. co "E", 1st. I. N. G. aug. 8, 92; dis. aug. 8, 95; re-enl. co E, 1st regt. aug. 16, 95; enl. co. "H", 53d. I. N. G. april 7, 05; 1st. lt. april 7, 05.
44.	Alvin A. Agard (Co. "A", 53d Infy.) Born Aug. 19, '78 in Iowa. Age 32. Rk. Apr. 10, 05.	pvt. co. A, 49th Ia. vols. april 26, 98; mus. june 2, 98; corp. sept. 30, 98; m. o. may 18, 99 at Savannah, Ga.	pvt. co. A, 1st. I. N. G. july 9, 90; dis. july 25, 95; re-enl. july 9, 95; dis. july 11, 96; pvt. co. A, 49th I. N. G. sep. 18, 99; dis. sep. 18, 02 as 1st. sgt.; re-enl. oct. 13, 02; dis. oct. 13, 03; as 1st. sgt.; re-enl. oct. 14, 03; dis. oct. 14, 04 as 1st. sgt.; re-enl. oct. 15, 04; 2d. lt. sep. 19, 04; exam. feby. 23, 05 1st. lt. april 10, 05.
45.	Earle C. Hessler (Co. "M", 55th Infy.) Born Oct. 15, '78 in Iowa. Age 27. Rk. April 17, 05.	pvt. co. D, Nebr. vols. april 28, 98; mus. apr. 28, 98; dis. may 7, 99 as 1st sgt.	mil. instr. in Red Oak High School 93-94; mil. instr. in univ. of Nebr. 2 yrs. 96-97; pvt. Nebr. N. G. co. D, june 96; dis. april 28, 98 as corp. acct. mus. into U. S. vols. pvt. co. M, 51st I. N. G. nov. 21, 99; sgt.; dis. nov. 21, 02; re-enl. nov. 21, 02; dis. nov. 21, 03; re-enl. dec. 16, 03; 2d lt. jan. 23, 05; exam. feb. 23, 05; 1st. lt. april 17, 05.
46.	Jesse O. Young (Co. "D", 53d Infy.) Born in Iowa. Age. Rk. April 25, 05.		pvt. co. "D", 53d. inf. april 25, 05; 1st. lt. april 25 05.
47.	Charles S. Krause (Asst. Surg.) Born Jan. 17, '76 in Iowa. Age 29. Rk. May 8, 05.		pvt. hosp. corps 50th I. N. G. june 22, 01; actg. hosp. stew. july 1, 02; dis. june 22, 04, explr. of term of enl.; pvt. hosp. corps I. N. G. june 23, 04, 1st. lt. and asst. surg. may 8, 05.
48.	Amos Horner (Asst. Surg.) Born May 17, '79 in Iowa. Age 26. Rk. May 8, 05.		pvt. hosp. corps on duty with 54th inf. mch 23, 04, 1st. lt. and asst. surg. may 8, 05.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service	
		U. S. Army.	National Guard and Other Service
49.	William F. Ohlschlager (Co. "I", 55th Inf. Born Feb. 7, '63 in Germany. Age 42. Rk. May 26, 05.	1st lt. co. G, 51st Ia. vols. apr. 26, 98; mus. may 30, 98; capt. July 26, 99; m. o. nov. 2, 99.	pvt. co. G, 3d I. N. G. June 11, 92; corp. apr. 25, 93; sgt. Aug. 24, 93; dis. June 29, 95; re-enl. July 1, 95; 1st. lt. June 29, 96; m. o. apr. 26, 98; pvt. co. I, 55th I. N. G. May 25, 05; 1st. lt. May 25, 05.
50.	Merton E. Sargent (Co. "I", 56th Inf. Born Jan. 23, '75 in Iowa. Age 30. Rk. June 12, 05.	sergt. co. I, 52 inf. Iowa vols. April 26, 98; mus. May 25, 98; m. o. Oct. 30, 98.	pvt. co. I, 4 regt. I. N. G. April 9, 95; corp. and sergt. 97 and 98; m. o. May 25, 98; pvt. co. I, 52 regt. I. N. G. April 5, 99; sergt. Apr. 5, 99; 2 lt. Aug. 21, 01; examined Nov. 21, 01. 1st. lt. June 12, 1905.
51.	Gene J. Jensen (Co. "M", 53d Inf. Born Dec. 7, '81 in Iowa. Age 24. Rk. June 12, 05.		pvt. co. M, 49th I. N. G. May 17, 00; dis. May 17, 03 as corp.; re-enl. May 19, 03; dis. May 19, 05 as 1st. sgt.; re-enl. May 19, 05; 1st. lt. June 12, 05.
52.	George M. Castle (Co. "E", 55th Inf. Born Oct. 28, '78 in Iowa. Age 27. Rk. June 26, 05.		pvt. co. E, 51st I. N. G. Dec. 12, 99; dis. Dec. 12, 02; re-enl. Dec. 16, 02; 1st. lt. June 26, 05.
53.	Burt E. Kennedy (Co. "H", 55th Inf. Born Feb. 22, '81 in Iowa. Age 24. Rk. July 17, 05.		pvt. co. H, 55th I. N. G. July 17, 05; 1st. lt. July 17, 05.
54.	John H. Steck (Co. "D", 54th Inf. Born Oct. 4, '76 in Iowa. Age 28. Rk. July 21, 05.	3d. corp. D, 50th Ia. vols. April 26, 98; mus. May 18, 98; m. o. Nov. 30, 98 at Des Moines, Ia.	pvt. co. D, 2d I. N. G. Sep. 20, 97; m. o. May 18, 98; pvt. D, 50th I. N. G. March 25, 01; m. o. with co. May 15, 02 as sgt.; re-enl. May 29, 02; sgt. July 14, 02; re-enl. June 29, 05; sgt.; 1st. lt. July 21, 05. exam. Dec. 7, 05.
55.	Thomas P. Hollowell, Jr. (Co. "A", 54th Inf. Born Apr. 28, '78 in Iowa. Age 27. Rk. Aug. 28, 05.	pvt. co. F, 50th inf. Ia. vols. April 26, 98; m. o. Nov. 30, 98 at Des Moines, Ia.	pvt. co. F, 2d I. N. G. Apr. 23, 98; transf. to 50th Ia. vols.; pvt. co. F 50th I. N. G. Feb. 22, 99; sgt.; dis. July 10, 00, m. o. of org. pvt. co. A, 54th Inf. May 5, 05; 2d. lt. May 5, 05; 1st. lt. Aug. 28, 05.
56.	Fred D. Hudson (Co. "G", 55th Inf. Born May 31, '76 in Iowa. Age 29. Rk. Sept. 18, 05.		pvt. co. G, 51 regt. I. N. G. Mar. 11, 01; 2 lt. Jan. 12, 03; examined Jan. 29, 03; 1st. lt. Sep. 18, 05.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service	
		U. S. Army.	National Guard and Other Service
57.	Eric G. Knos (Co. "L", 56th Infy.) Born April 3, '74 in Sweden. Age 31. Rk. Sept. 25, 05.	musc. L, 52d Ia. vols. apr. 26, 98; mus. may 25, 98; m. o. oct. 30, 98 at Des Moines, Ia.	pvt. L, 4th I. N. G. may 23, 96; m. o. may 25, 98; re-enl. co. L, 52d I. N. G. mch. 10, 99; corp. nov. 22, 99; sgt. april 4, 00; re-enl. march 10, 02; sgt. nov. 26, 02; 2d lt. dec. 28, 04; exam. feb. 23, 05; 1st lt. sep. 25, 05.
58.	John C. Bradbury (Co. "F", 54th Infy.) Born Dec. 4, '78 in Iowa. Age 26. Rk. Oct. 9, 05.		pvt. F, 3d I. N. G. may 22, 96; dis. may 21, 98; pvt. F, 51st I. N. G. june 18, 00; corp. july 4, 00; sgt. april 10, 01; co. trsf. to F, 54th I. N. G. nov. 26, 02; re-enl. june 18, 03; 1st. sgt. sep. 10, 03; re-enl. june 18, 04; re-enl. june 18, 05; 1st. lt. oct. 9, 05. exam. dec. 7, 05.
59.	Edward H. Reichmann (Co. "K", 53d Infy.) Born June 5, '67 in N. Y. Age 38. Rk. Oct. 24, 05.		pvt. co. K, 1 regt. I. N. G. may 12, 90; corp. co. K, 4 regt. oct. 10, 92; re-enl. may 12, 95; re-enl. may 25, 96; sergt. co. K, 1 regt. june 1, 96; re-enl. may 25, 97; dis. may 4, 98; pvt. co. K, 49 regt. I. N. G. dec. 6, 99; dis. dec. 6, 02; re-enl. jan. 5, 03; 2 lt. mch. 19, 03; exam. april 2, 03. 1st. lt. oct. 24, 05.
60.	Rudolph M. Anderson (Co. "I", 54th Infy.) Born June 30, '77 in Iowa. Age 28. Rk. Oct. 30, 05.	pvt. co. F, 52d Ia. vols. may 2, 98; mus. may 25, 98; corp. july 1, 98; m. o. oct. 30, 98 at Des Moines, Ia.	mil. instr. cadet batt. univ. of Iowa 5 yrs.; pvt. co. A, cannoneer battery artillery june 00; 1st. sgt. battery june 16, 01; capt. june 9, 02; major sept. 25, 02 to feby. 12, 03; insp. s. a. p. univ. battn. feb. 12, 03 to june 03; asst. comdt. s. u. i. battn. actg. adjt. 2 mos. in 04; ph. b. univ. of Iowa 03; pvt. co. I, 50th I. N. G. july 9, 00; corp. jan. 1, 01; sgt. july 18, 02; q. m. sgt. aug. 2, 02; dis. july 9, 03; re-enl. july 10, 03; 2d. lt. may 9, 04; exam. june 22, 04; 1st. lt. oct. 30, 05.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Rank, Date of Rank, Date of Comm. Date and place of birth and age.	Service	
		U. S. Army.	National Guard and Other Service
61.	Chas. Tillotson, Jr. (Co. "F", 55th Infy.) Born August 14, '75 in Iowa. Age 30. Rk. Nov. 4, 1905.		pvt. F, 55th I. N. G. nov. 4, 03; corp. feb. 13, 04; q. m. sgt. jan. 1, 05; 1st. sgt. april 1, 05; 1st. lt. nov. 4, 05; exam. dec. 7, 05.
62.	George Luckhardt (Co. "C", 54th Infy.) Born June 30, '76 in Germany. Age 29. Rk. Nov. 6, 05.	pvt. co. C, 50th inf. Ia. vols. apr. 26, 98; mus. may 17, 98; m. o. nov. 30, 98.	pvt. co. C 50th inf. feby. 13, 99; corp. july 26, 99; re-enl. feby. 13, 02; 2d lt. june 6, 04; exam. aug. 10, 04; 1st lt. nov. 6, 05.

SECOND LIEUTENANTS.

Second Lts.			
1.	Thomas F. Rutledge (Co. "K", 50th Infy.) Born Dec. 18, '73 in Wisc. Age 32. Rk. Dec. 23, 00.	sergt. co. K, 52 inf. Iowa vols. april 26, 98; mus. may 25, 98; m. o. oct. 30, 98.	pvt. co. K, 4 regt. I. N. G. june 14, 94; m. o. may 25, 98; pvt. co. K, 52 regt. I. N. G. march 14, 99; 2 lt. dec. 23, 00.
2.	William W. Aldrich (Co. "F", 53d Infy.) Born Sept. 28 '77 in Iowa. Age 24. Rk. Dec. 3, 01.	pvt. co. F, 49 inf. Iowa vols. april 26, 98; mus. june 2, 98; corp. feb. 11, 99; m. o. may 13, 99.	pvt. co. F, 1 regt. sept. 22, 97; m. o. june 2, 98; pvt. co. F, 49 regt. I. N. G. sept. 25, 99; dis. sept. 7, 00; pvt. may 15, 01; 2 lieut. dec. 3, 01; exam. dec. 19, 1901.
3.	Edward M. Sheehan (Co. "L", 53d Infy.) Born Sept. 27, '79 in Iowa. Age 26. Rk. June 12, 02.		pvt. co. E, 49 regt. I. N. G. feb. 5, 00; m. o. may 10, 02; pvt. co. L 49 regt. I. N. G. june 16, 02; 2 lieut. june 16, 02; exam. july 2, 02.
4.	James L. Scripture (Co. "E", 53d Infy.) Born March 13, '70 in Iowa. Age 35. Rk. June 23, 02.		pvt. co. A, 1 regt. I. N. G. april 25, 92; dischg. jan. 8, 94; pvt. co. E, 49 regt. I. N. G. june 23, 02; 2 lt. june 23, 02; exam. july 2, 02.
5.	John H. Meier (Co. "G", 54th Infy.) Born Oct. 7, 78 in Ill. Age 27. Rk. Nov. 3, 02.		pvt. co. G, 50 regt. I. N. G. feb. 24, 99; corp. nov. 24, 99; sergt. aug. 1, 00; 2 lt. nov. 3, 02; exam. dec. 4, 02.
6.	Oliver W. Kulp (Co. "B", 54th Infy.) Born July 4, '74 in Iowa. Age 31. Rk. Apr. 13, 03.	pvt. co. B, 50 inf. Ia. vols. may 2, 98; mus. may 17, 98; m. o. nov. 30, 98;	pvt. co. B, 50 regt. I. N. G. feb. 14, 99; re-enl. feb. 21, 02; 2 lt. april 13, 03; exam. june 4, 03.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service	
		U. S. Army.	National Guard and Other Service
7.	John A. Stewart (Co. "A", 56th Infy.) Born Feby. 22, '64 in Iowa. Age 41. Rk. June 15, 03.		pvt. co. A, 4 regt. I. N. G. July 4, '93; corp. June 10, '95; sergt. sept. 28, '95; dis. May 7, '98; pvt. co. A, 52 regt. I. N. G. March 22, '99; sergt. March 22, '99; re-enl. March 7, '02; 2 lt. June 15, '03; examined July 1, '03.
8.	Norman J. Kissick (Co. "F", 54th Infy.) Born Dec. 22, '80 in Iowa. Age 25. Rk. Aug 3, '03.		pvt. co. F, 51 regt. I. N. G. March 19, '00; sergt. Sept. 21, '00; 1 sergt. July 1, '01; co. transf. to co. F, 54 regt. I. N. G. Nov. 26, '02; re-enl. March 19, '03; 2 lt. Aug. 3, '03; exam. Aug. 27, '03.
9.	John F. Rau (Co. "G", 53d Infy.) Born Sept. 10, '80 in Penn. Age 25. Rk. Sept. 10, '03.		pvt. co. C, 49 I. N. G. Aug. 3, '00; corp. May 19, '02; sgt. March 9, '03, 1 sgt. May 18, '03; dis. Aug. 3, '03; re-enl. co. C, 53 inf. Aug. 5, '03; 2 lt. Sept. 10, '03; exam. April 29, '04.
10.	Holland M. Scott (Co. "G", 53d Infy.) Born Nov. 21, '67 in Iowa. Age 38. Rk. Dec. 14, '03.	2d. sgt. co. G, 49th inf. Ia. vols. April 26, '98; mus. June 2, '98; col. sgt. 99 at Savannah, Ga. July 4, '98; 1st. sgt. Dec. 31, '98; m. o. May 13,	pvt. co. G, 1st I. N. G. Nov. 26, '87; corp. May 90; sgt. May 90; dis. Nov. 26, '92; re-enl. Nov. 26, '92; re-enl. Nov. 26, '93; re-enl. Nov. 26, '94; re-enl. Nov. 26, '95; transf. to 49th Ia. vols. as 2d. sgt. pvt. co. G, 53d I. N. G. May 19, '03; 2d. lt. Dec. 14, '03; exam. April 29, '04.
11.	Frank J. Lund (Co. "C", 56th Infy.) Born Feby. 5, '76 in Iowa. Age 29. Rk. Jan. 4, '04.		pvt. co. C, 52d I. N. G. May 21, '00; corp. Aug. 17, '01; sgt. Mch. 20, '03; dis. May 21, '03; re-enl. June 10, '03; sgt.; 2d lt. Jan. 4, '04; exam. Apr. 29, '04.
12.	Pollok J. Wallace (Co. "D", 54th Infy.) Born Oct. 19, '75 in Iowa. Age 30. Rk. Jan. 11, '04.		pvt. co. D, 2d I. N. G. June 22, '94; dis. June 22, '97; pvt. co. D, 50th I. N. G. Apr. 15, '01; dis. May 15, '02 muster out of co.; re-enl. co. D, 50th I. N. G. at re-org. May 29, '02; 2d. lt. Jan. 11, '04; exam. April 29, '04.
13.	Fred G. Stough (Co. "B", 56th Infy.) Born August 17, '81 in Iowa. Age 24. Rk. Mch. 8, '04.		1½ yrs. Iowa State College; pvt. co. B, 56th I. N. G. July 28, '03; sgt.; 2d lt. March 8, '04; exam. April 29, '04.

RELATIVE RANK OF OFFICERS—CONTINUE.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service	
		U. S. Army.	National Guard and Other Service
14.	Roy E. Brady (Co. "D", 55th Infy.) Born March 29, '82 in Iowa. Age 23. Rk. Mch. 14, 04.		pvt. co. D, 51st I. N. G. dec. 11, 99; corp. and sgt; dis. dec. 11, 02; re-enl. dec. 11, 02; 2d. lt. march 14, 04; exam. april 29, 04.
15.	George M. Walker, (Co. "E", 56th Infy.) Born Nov. 17, '72 in Mo. Age 33. Rk. Apr. 11, 04.	pvt. co. L, 52d Ia. vols. june 28, 98; mus. june 28, 98; m. o. oct. 30, 98 at Des Moines, Ia.	pvt. co. E, 52d I. N. G. june 16, 02; sgt. june 16, 02; dis. dec. 26, 02; pvt. co. E, 56th I. N. G. july 1, 03; 2d lt. apr. 11, 04; exam. april 29, 04.
16.	Charles C. Cummings (Co. "M", 54th Infy.) Born Oct. 23, '72 in Iowa. Age 33. Rk. Apr. 25, 04.	pvt. co. M, 50th inf. Ia. vols. may 17, 98; mus. may 17, 98; m. o. nov. 30, 99.	pvt. co. M, 2d. I. N. G. feby. 1, 97; transf. to 50th Ia. vols. may 17, 98; pvt. co. M, 50th I. N. G. feby. 21, 99; corp. sept. 1, 00; sgt. may 31, 01; re-enl. feby. 21, 02; 2d. lt. april 25, 04; exam. aug. 10, 04.
17.	Jesse S. Kelliham (Co. "D", 56th Infy.) Born Sept. 16, '81 in Iowa. Age 24. Rk. June 2, 04.	pvt. co. L, 50th Ia. vols. may 3, 98; mus. may 17, 98; m. o. nov. 30, 98 at Des Moines, Ia. corp. co. K, 18th U. S. A. april 18, 99 to april 17, 02.	pvt. co. L, 2d I. N. G. May 3, 98; transf. to 50th Ia. vols. may 3, 98; pvt. co. D, 56th I. N. G. june 2, 04; 2d. lt. june 2, 04; exam. june 22, 04.
18.	Francis A. Underwood (Co. "C", 55th Infy.) Born May 24, '76 in Iowa. Age 29. Rk. June 28, 04.	pvt. co. F, 52 Iowa vols. may 1, 98; mus. may 25, 98; Lance corp july 1, 98; m. o. oct. 30, 98 at Des Moines, Ia.	1 yr. Iowa State College; pvt. co. F, 52d I. N. G. mch. 15, 99; dis. july 27, 99; pvt. co. C, 55th I. N. G. june 28, 04; 2d. lt. june 28, 04. exam. aug. 10, 04.
19.	Thomas E. Harrington (Co. "H", 56th Infy.) Born Aug. 10, '73 in Iowa. Age 32. Rk. Aug. 8, 04.	pvt. co. H, 52d Ia. vols. april 26, 98; mus. may 25, 98; corp. july 1, 98; m. o. oct. 30, 98 at Des Moines, Iowa.	pvt. co. H, 4th I. N. G. may 24, 97; transf. to 52d Ia. vols. april 26, 98; re-enl. co. H, 52d I. N. G. mch. 10, 99; dis. mch. 10, 02; re-enl. mch. 20, 02; dis. mch. 20, 03; re-enl. mch. 20, 03; dis. mch. 20, 04; re-enl. mch. 20, 04; 2d. lt. aug. 8, 04. Exam. nov. 14, 04.
20.	Gustave G. T. Freberg (Co. "A", 55th Infy.) Born July 14, '84 in Iowa. Age 20. Rk. Oct. 24, 04.		pvt. A 51st. I. N. G. dec. 10, 01; corp. feby. 20, 02; sgt. april 23, 02; 1st. sgt. feb. 4, 03; 2d. lt. oct. 24, 04; exam. dec. 12, 04.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service	
		U. S. Army.	National Guard and Other Service
7.	John A. Stewart (Co. "A", 56th Infy.) Born Feby. 22, '64 in Iowa. Age 41. Rk. June 15, 03.		pvt. co. A, 4 regt. I. N. G. July 4, 93; corp. June 10, 95; sergt. sept. 28, 95; dis. May 7, 98; pvt. co. A, 52 regt. I. N. G. March 22, 99; sergt. March 22, 99; re-enl. March 7, 02; 2 lt. June 15, 03; examined July 1, 03.
8.	Norman J. Klissick (Co. "F", 54th Infy.) Born Dec. 22, '80 in Iowa. Age 25. Rk. Aug 3, 03.		pvt. co. F, 51 regt. I. N. G. March 19, 00; sergt. Sept. 21, 00; 1 sergt. July 1, 01; co. traf. co. F, 54 regt. I. N. G. Nov. 26, 02; re-enl. March 19, 03; 2 lt. Aug. 3, 03; exam. Aug. 27, 03.
9.	John F. Rau (Co. "C", 53d Infy.) Born Sept. 10, '80 in Penn. Age 25. Rk. Sept. 10, 03.		pvt. co. C, 49 I. N. G. Aug. 3, 00; corp. May 19, 02; sgt. March 9, 03. 1 sgt. May 18, 03; dis. Aug. 3, 03; re-enl. co. C, 53 inf. Aug. 5, 03; 2 lt. Sept. 10, 03; exam. April 29, 04.
10.	Holland M. Scott (Co. "G", 53d Infy.) Born Nov. 21, '67 in Iowa. Age 38. Rk. Dec. 14, 03.	2d. sgt. co. G, 49th inf. Ia. vols. April 26, 98; mus. June 2, 98; col. sgt. 99 at Savannah, Ga. July 4, 98; 1st. sgt. Dec. 31, 98; m. o. May 13,	pvt. co. G, 1st I. N. G. Nov. 26, 87; corp. May 90; sgt. May 90; dis. Nov. 26, 92; re-enl. Nov. 26, 92; re-enl. Nov. 26, 93; re-enl. Nov. 26, 94; re-enl. Nov. 26, 95; traf. to 49th Ia. vols. as 2d. sgt. pvt. co. G, 53d I. N. G. May 19, 03; 2d. lt. Dec. 14, 03; exam. April 29, 04.
11.	Frank J. Lund (Co. "C", 56th Infy.) Born Feby. 5, '76 in Iowa. Age 29. Rk. Jany. 4, 04.		pvt. co. C, 52d I. N. G. May 21, 00; corp. Aug. 17, 01; sgt. Mch. 20, 03; dis. May 21, 03; re-enl. June 10, 03; sgt.; 2d lt. Jany. 4, 04; exam. Apr. 29, 04.
12.	Pollok J. Wallace (Co. "D", 54th Infy.) Born Oct. 19, '75 in Iowa. Age 30. Rk. Jan. 11, 04.		pvt. co. D, 2d I. N. G. June 22, 94; dis. June 22, 97; pvt. co. D, 50th I. N. G. Apr. 15, 01; dis. May 15, 02 muster out of co.; re-enl. co. D, 50th I. N. G. at re-org. May 29, 02; 2d. lt. Jan. 11, 04; exam. April 29, 04.
13.	Fred G. Stough (Co. "B" 56th Infy.) Born August 17, '81 in Iowa. Age 24. Rk. Mch. 8, 04.		1½ yrs. Iowa State College; pvt. co. B, 56th I. N. G. July 28, 03; sgt.; 2d lt. March 8, 04; exam. April 29, 04.

ADJUTANT-GENERAL'S REPORT.

59

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service	
		U. S. Army.	National Guard and Other Service
14.	Roy E. Brady (Co. "D", 55th Infy.) Born March 29, '82 in Iowa. Age 23. Rk. Mch. 14, 04.		pvt. co. D, 51st I. N. G. dec. 11, 99; corp. and sgt; dis. dec. 11, 02; re-enl. dec. 11, 02; 2d. lt. march 14, 04; exam. april 29, 04.
15.	George M. Walker, (Co. "E", 56th Infy.) Born Nov. 17, '72 in Mo. Age 33. Rk. Apr. 11, 04.	pvt. co. L, 52d Ia. vols. june 28, 98; mus. june 28, 98; m. o. oct. 30, 98 at Des Moines, Ia.	pvt. co. E, 52d I. N. G. june 16, 02; sgt. june 16, 02; dis. dec. 26, 02; pvt. co. E, 56th I. N. G. july 1, 03; 2d lt. apr. 11, 04; exam. april 29, 04.
16.	Charles C. Cummings (Co. "M", 54th Infy.) Born Oct. 23, '72 in Iowa. Age 33. Rk. Apr. 25, 04.	pvt. co. M, 50th Inf. Ia. vols. may 17, 98; mus. may 17, 98; m. o. nov. 30, 99.	pvt. co. M, 2d. I. N. G. feby. 1, 97; trsf. to 50th Ia. vols. may 17, 98; pvt. co. M, 50th I. N. G. feby. 21, 99; corp. sept. 1, 00; sgt. may 31, 01; re-enl. feby. 21, 02; 2d. lt. april 25, 04; exam. aug. 10, 04.
17.	Jesse S. Kellihan (Co. "D", 56th Infy.) Born Sept. 16, '81 in Iowa. Age 24. Rk. June 2, 04.	pvt. co. L, 50th Ia. vols. may 3, 98; mus. may 17, 98; m. o. nov. 30, 98 at Des Moines, Ia. corp. co. K, 18th U. S. A. april 18, 99 to april 17, 02.	pvt. co. L, 2d I. N. G. May 3, 98; trsf. to 50th Ia. vols. may 3, 98; pvt. co. D, 56th I. N. G. june 2, 04; 2d. lt. june 2, 04; exam. june 22, 04.
18.	Francis A. Underwood (Co. "C", 55th Infy.) Born May 24, '76 in Iowa. Age 29. Rk. June 28, 04.	pvt. co. F, 52 Iowa vols. may 1, 98; mus. may 25, 98; Lance corp july 1, 98; m. o. oct. 30, 98 at Des Moines, Ia.	1 yr. Iowa State College; pvt. co. F, 52d I. N. G. mch. 15, 99; dis. july 27, 99; pvt. co. C, 55th I. N. G. june 28, 04; 2d. lt. june 28, 04. exam. aug. 10, 04.
19.	Thomas E. Harrington (Co. "H", 56th Infy.) Born Aug. 10, '73 in Iowa. Age 32. Rk. Aug. 8, 04.	pvt. co. H, 52d Ia. vols. april 26, 98; mus. may 25, 98; corp. july 1, 98; m. o. oct. 30, 98 at Des Moines, Iowa.	pvt. co. H, 4th I. N. G. may 24, 97; trsf. to 52d Ia. vols. april 26, 98; re-enl. co. H, 52d I. N. G. mch. 10, 99; dis. mch. 10, 02; re-enl. mch. 20, 02; dis. mch. 20, 03; re-enl. mch. 20, 03; dis. mch. 20, 04; re-enl. mch. 20, 04; 2d. lt. aug. 8, 04. Exam. nov. 14, 04.
20.	Gustave G. T. Freberg (Co. "A", 55th Infy.) Born July 14, '84 in Iowa. Age 20. Rk. Oct. 24, 04.		pvt. A 51st. I. N. G. dec. 10, 01; corp. feby. 20, 02; sgt. april 23, 02; 1st. sgt. feb. 4, 03; 2d. lt. oct. 24, 04; exam. dec. 12, 04.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service	
		U. S. Army.	National Guard and Other Service
7.	John A. Stewart (Co. "A", 56th Infy.) Born Feby. 22, '84 in Iowa. Age 41. Rk. June 15, 03.		pvt. co. A, 4 regt. I. N. G. July 4, '93; corp. June 10, '95; sergt. sept. 28, '95; dis. May 7, '98; pvt. co. A, 52 regt. I. N. G. March 22, '99; sergt. March 22, '99; re-enl. March 7, '02; 2 lt. June 15, '03; examined July 1, '03.
8.	Norman J. Kissick (Co. "F", 54th Infy.) Born Dec. 22, '80 in Iowa. Age 25. Rk. Aug 3, '03.		pvt. co. F, 51 regt. I. N. G. March 19, '00; sergt. Sept. 21, '00; 1 sergt. July 1, '01; co. traf. to co. F, 54 regt. I. N. G. Nov. 26, '02; re-enl. March 19, '03; 2 lt. Aug. 3, '03; exam. Aug. 27, '03.
9.	John F. Rau (Co. "C", 53d Infy.) Born Sept. 10, '80 in Penn. Age 25. Rk. Sept. 10, '03.		pvt. co. C, 49 I. N. G. Aug. 3, '00; corp. May 19, '02; sgt. March 9, '03, 1 sgt. May 18, '03; dis. Aug. 3, '03; re-enl. co. C, 53 Inf. Aug. 6, '03; 2 lt. Sept. 10, '03; exam. April 29, '04.
10.	Holland M. Scott (Co. "G", 53d Infy.) Born Nov. 21, '67 in Iowa. Age 38. Rk. Dec. 14, '03.	2d. sgt. co. G, 49th Inf. Ia. vols. April 26, '98; mus. June 2, '98; col. sgt. 99 at Savannah, Ga. July 4, '98; 1st. sgt. Dec. 31, '98; m. o. May 13,	pvt. co. G, 1st I. N. G. Nov. 26, '87; corp. May 90; sgt. May 90; dis. Nov. 26, '92; re-enl. Nov. 26, '92; re-enl. Nov. 26, '93; re-enl. Nov. 26, '94; re-enl. Nov. 26, '95; traf. to 49th Ia. vols. as 2d. sgt. pvt. co. G, 53d I. N. G. May 19, '03; 2d. lt. Dec. 14, '03; exam. April 29, '04.
11.	Frank J. Lund (Co. "C", 56th Infy.) Born Feby. 5, '76 in Iowa. Age 29. Rk. Jan. 4, '04.		pvt. co. C, 52d I. N. G. May 21, '00; corp. Aug. 17, '01; sgt. Mch. 20, '03; dis. May 21, '03; re-enl. June 10, '03; sgt.; 2d lt. Jan. 4, '04; exam. Apr. 29, '04.
12.	Pollok J. Wallace (Co. "D", 54th Infy.) Born Oct. 19, '75 in Iowa. Age 30. Rk. Jan. 11, '04.		pvt. co. D, 2d I. N. G. June 22, '94; dis. June 22, '97; pvt. co. D, 50th I. N. G. Apr. 15, '01; dis. May 15, '02 muster out of co.; re-enl. co. D, 50th I. N. G. at re-org. May 29, '02; 2d. lt. Jan. 11, '04; exam. April 29, '04.
13.	Fred G. Stough (Co. "B", 56th Infy.) Born August 17, '81 in Iowa. Age 24. Rk. Mch. 8, '04.		1½ yrs. Iowa State College; pvt. co. B, 56th I. N. G. July 28, '03; sgt.; 2d lt. March 8, '04; exam. April 29, '04.

RELATIVE RANK OF OFFICERS—CONTINUE I.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service	
		U. S. Army.	National Guard and Other Service
14.	Roy E. Brady (Co. "D", 55th Inftry.) Born March 29, '82 in Iowa. Age 23. Rk. Mch. 14, 04.		pvt. co. D, 51st I. N. G. dec. 11, 99; corp. and sgt; dis. dec. 11, 02; re-enl. dec. 11, 02; 2d. lt. march 14, 04; exam. april 29, 04.
15.	George M. Walker, (Co. "E", 56th Inftry.) Born Nov. 17, '72 in Mo. Age 33. Rk. Apr. 11, 04.	pvt. co. L, 52d Ia. vols. june 28, 98; mus. june 28, 98; m. o. oct. 30, 98 at Des Moines, Ia.	pvt. co. E, 52d I. N. G. june 16, 02; sgt. june 16, 02; dis. dec. 26, 02; pvt. co. E, 56th I. N. G. july 1, 03; 2d lt. apr. 11, 04; exam. april 29, 04.
16.	Charles C. Cummings (Co. "M", 54th Inftry.) Born Oct. 23, '72 in Iowa. Age 33. Rk. Apr. 25, 04.	pvt. co. M, 50th inf. Ia. vols. may 17, 98; mus. may 17, 98; m. o. nov. 30, 99.	pvt. co. M, 2d. I. N. G. feby. 1, 97; trsf. to 50th Ia. vols. may 17, 98; pvt. co. M, 50th I. N. G. feby. 21, 99; corp. sept. 1, 00; sgt. may 31, 01; re-enl. feby. 21, 02; 2d. lt. april 26, 04; exam. aug. 10, 04.
17.	Jesse S. Kellihan (Co. "D", 56th Inftry.) Born Sept. 16, '81 in Iowa. Age 24. Rk. June 2, 04.	pvt. co. L, 50th Ia. vols. may 3, 98; mus. may 17, 98; m. o. nov. 30, 98 at Des Moines, Ia. corp. co. K, 18th U. S. A. april 18, 99 to april 17, 02.	pvt. co. L, 2d I. N. G. May 3, 98; trsf. to 50th Ia. vols. may 3, 98; pvt. co. D, 56th I. N. G. june 2, 04; 2d. lt. june 2, 04; exam. june 22, 04.
18.	Francis A. Underwood (Co. "C", 55th Inftry.) Born May 24, '76 in Iowa. Age 29. Rk. June 28, 04.	pvt. co. F, 52 Iowa vols. may 1, 98; mus. may 25, 98; Lance corp july 1, 98; m. o. oct. 30, 98 at Des Moines, Ia.	1 yr. Iowa State College; pvt. co. F, 52d I. N. G. mch. 15, 99; dis. july 27, 99; pvt. co. C, 55th I. N. G. june 28, 04; 2d. lt. june 28, 04. exam. aug. 10, 04.
19.	Thomas E. Harrington (Co. "H", 56th Inftry.) Born Aug. 10, '73 in Iowa. Age 32. Rk. Aug. 8, 04.	pvt. co. H, 52d Ia. vols. april 26, 98; mus. may 25, 98; corp. july 1, 98; m. o. oct. 30, 98 at Des Moines, Iowa.	pvt. co. H, 4th I. N. G. may 24, 97; trsf. to 52d Ia. vols. april 26, 98; re-enl. co. H, 52d I. N. G. mch. 10, 99; dis. mch. 10, 02; re-enl. mch. 20, 02; dis. mch. 20, 03; re-enl. mch. 20, 03; dis. mch. 20, 04; re-enl. mch. 20, 04; 2d. lt. aug. 8, 04. Exam. nov. 14, 04.
20.	Gustave G. T. Freberg (Co. "A", 55th Inftry.) Born July 14, '84 in Iowa. Age 20. Rk. Oct. 24, 04.		pvt. A 51st. I. N. G. dec. 10, 01; corp. feby. 20, 02; sgt. april 23, 02; 1st. sgt. feb. 4, 03; 2d. lt. oct. 24, 04; exam. dec. 12, 04.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
21.	William F. Richmond (Co. "L", 55th Infy.) Born May 6, '82 in Iowa. Age 43. Rk. Oct. 28, 04.		2 yrs. member of High School Cadet co. pvt. co. L, 51st I. N. G. nov. 18, 02; corp. sept. 8, 03; sgt. may 25, 04; 2d. lt. oct. 28, 04; exam. nov. 22, 04.
22.	Henry A. Woellhaf (Co. "H", 54th Infy.) Born June 5, '75 in Iowa. Age 30. Rk. Oct. 31, 04.		pvt. co. F, 50th I. N. G. July 16, 00; corp. July 19, 01; sgt. nov. 4, 01; q. m. sgt. apr. 8, 02; co. traf. to co. H, 54 inf. I. N. G. nov. 26, 02; re-enl. July 16, 03; sgt. nov. 1, 03; 2d lt. oct. 31, 04; exam. nov. 22, 04.
23.	Fred L. Fisher (Co. "B", 53d. Infy.) Born Jan. 15, '80 in Iowa. Age 24. Rk. Dec. 30, 04.		pvt. co. B, 49 I. N. G. feby. 6, 00; sgt.; re-enl. feby. 6, 03; re-enl. feby. 6, 05; 2 lt. dec. 30, 04; exam. feby. 23, 05.
24.	William Smith (Co. "L", 54th Infy.) Born Dec. 10, '77 in Iowa. Age 28. Rk. Jan. 30, 05.		pvt. co. L, 54 inf. I. N. G. april 8, 03; corp. jany. 11, 04; 2 lt. jany. 30, 05; exam. feby. 23, 05.
25.	Edward O. Fleur (Co. "F", 55th Infy.) Born June 22, '74 in Sweden. Age 31. Rk. Mch. 24, 05.	musc. co. H, 51st Ia. vols. apr. 26, 98; mus. may 30, 98; assign. to duty as priv. June 22, 98; corp. apr. 10, 99; m. o. nov. 2, 99 at San Francisco, Cal.	3 yrs. course at the Royal Swedish Military School at Stockholm, Sweden. pvt. co. H, 3d I. N. G. april 5, 98; traf. to 51st. Ia. vols. april 26, 98; pvt. co. F, 55th I. N. G. feb. 27, 05; 2d. lt. mch. 24, 05.
26.	Samuel B. Culp (Co. "M", 56th Infy.) Born June 9, '76 in Iowa. Age 29. Rk. Mch. 30, 05.	pvt. co. C, 52d Ia. vols. may 6, 98; mus. may 25, 98; m. o. oct. 30, 98.	pvt. co. C, 4th I. N. G. may 5, 98; tra. to 52 Ia. vols. pvt. co. M, 52 I. N. G. June 6, 00; dis. Jan. 15, 01; pvt. co. M, 52 I. N. G. may 30, 01; dis. mch. 4, 02; pvt. co. M, 52 I. N. G. april 9, 02; dis. april 9, 05; re-enl. april 24, 05. 2d. lt. march 30, 05.
27.	Levi F. Swaney (Co. H, 53d Infy.) Born April 9, '70 in Iowa. Age 35. Rk. Apr. 7, 05.		pvt. co. H, 53d I. N. G. april 7, 05; 2d. lt. april 7, 05.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age	Service	
		U. S. Army	National Guard and Other Service.
28.	Charles H. Wunderlich (Co. "A", 53d Infy.) Born June 27, '80 in Iowa. Age 25. Rk. Apr. 10, 05.		military instr. at Iowa State College at Ames, pvt. co. A, 49th I. N. G. sep. 18, 99; dis. sep. 18, 02; re-enl. oct. 13, 02; dis. oct. 13, 03; re-enl. oct. 14, 03; sgt. nov. 27, 03; dis. oct. 14, 04; re-enl. oct. 15, 04; 2d. lt. april 10, 05.
29.	G. Ray Logan (Co. "M", 55th Infy.) Born Sept. 25, '80 in Iowa. Age 25. Rk. Apr. 17, 05.		1 yr. Nebr. Univ.; pvt. co. M, 51st I. N. G. mch. 12, 00; corp.; dis. mch. 12, 03; re-enl. april 1, 03; corp.; dis. april 1, 04; re-enl. april 30, 04; corp. and sgt.; 2d. lt. april 17, 05.
30.	Jesse G. Lewis (Co. "D", 53d Infy.) Born Aug. 26, '74 in Iowa. Age 31. Rk. Apr. 25, 05.		pvt. co. D, 53d inf. april 25, 05; 2d. lt. april 25, 05.
31.	Jay A. Conaway (Co. "K", 55th Infy.) Born Dec. 7, '75 in Iowa. Age 30. Rk. Apr. 26, 05.	1st. sgt. co. K, 55th Ia. vols. apr. 26, 98; mus. may 30, 98; m. o. nov. 2, 99 at San Francisco, Cal.	pvt. co. K, 3d I. N. G. july 22, 93; dis. aug. 4, 96; re-enl. aug. 8, 96; dis. aug. 8, 97; re-enl. aug. 12, 97; transf. to 51st Ia. vols. april 26, 98 as 1st sgt.; re-enl. co. K, 51st I. N. G. feb. 24, 00; 1st sgt. feb. 24, 00; ord. sgt. 51st I. N. G. aug. 17, 01; dis. feb. 24, 03; re-enl. mch. 11, 03; 1st. sgt.; 2d. lt. april 26, 05.
32.	Everett F. Heaton (Co. "I", 55th Infy.) Born Dec. 25, '77 in Ill. Age 28. Rk. May 25, 05.	pvt. co. G, 51st Ia. vols. june 14, 98; corp. oct. 1, 98; dis. july 1, 99 at San Fernando, P. I. to enlist in U. S. vols. pvt. co. G, 36th U. S. vols. july 4, 99; corp. july 25, 99; sgt. nov. 5, 99; dis. march 16, 01.	pvt. co. I, 55th I. N. G. may 25, 05; 2d. lt. may 25, 05.
33.	George L. Lawson (Co. I, 56th Infy.) Born Feby. 8, '79 in Iowa. Age 26. Rk. June 12, 05.		pvt. co. I, 52d I. N. G. june 23, 00; corp. jan. 1, 02; dis. june 23, 03; re-enl. july 3, 03; sgt. april 15, 05; 2d. lt. june 12, 05.
34.	Eugene W. DeFratris (Co. "M", 53d Infy.) Born Dec. 12, 79 in Illinois. Age 25. Rk. June 12, 05.	pvt. co. K, 37th U. S. A. aug. 19, 99; 1st. sgt; m. o. feby. 20, 01.	pvt. co. M, 1st. I. N. G. jany. 8, 95; dis. mch. 31, 95; pvt. co. M, 53d. I. N. G. jany. 29, 03; sgt. feby. 2, 03; 2d. lt. june 12, 05.

RELATIVE RANK OF OFFICERS—CONTINUED.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service
35.	Harry E. Schriver (Co. "E", 55th Inftry.) Born May 3, '81 in Kana. Age 24. Rk. June 26, '05.		pvt. co. E, 51st I. N. G. dec. 12, '99; corp. mch. 17, '02; dis. dec. 12, '02; re-enl. dec. 16, '02; corp. sgt. feby. 19, '03; 1st sgt; 2d lt. june 26, '05.
36.	John F. O'Connell (Co. "H," 55th Inftry.) Born March 13, '84 in Iowa. Age 21. Rk. July 17, '05.		pvt. co. H, 55 Inftry july 17, '05; 2 lt. july 17, '05.
37.	George E. Whan (Co. "B", 55th Inftry.) Born Oct. 21, '78 in Iowa. Age 27. Rk. July 20, '05.	pvt. co. B, 51 Iowa vols. apr. 26, '98; mus. may 30, '98; m. o. nov. 2, '99 at San Francisco, Cal.	pvt. co. B, 3 I. N. G. apr. 5, '97; tra. to 51 Ia. vols. apr. 26, '98; re-enl. co. B, 51 I. N. G. dec. 13, '99; corp. dis. dec. 13, '02, re-enl. jan. 2, '03; sgt; 2 lt. july 20, '05.
38.	Herman C. Johnson, Co. I, 53 Inftry). Born Aug. 29, '79 in Ia. Age 25. Rk. Aug. 9, '05.		pvt. co I, 49 I. N. G. feb. 8, '00; re-enl. feb. 26, '03; 2 lt. Aug. 9, '05; ex- am. dec. 7, '05.
39.	John L. Prichett, (Co. A, 54 Inftry). Born May 10, '76 in Ia. Age 29. Rk. Aug. 28, '05.	2 sgt. F, 50 Iowa vols. apr. 26, '98; mus. may 17, '98; m. o. nov. 30, '98 at Des Moines, Ia.	pvt. F, 2 I. N. G. feb. 26, '94; re-enl. feb. 26, '97; re-enl. mar. 15, '98; m. o. may 17, '98; re-enl. F, 50 I. N. G. feb. 22, '99; bat. sgt. maj. june 8, '99; dis. june 8, '02; pvt. co. A, 54 I. N. G. may 5, '05; 2 lt. aug. 28, '05; exam. dec. 7, 1905.
40.	Phil R. Wilkenson, (Co. G, 55 Inftry). Born Sept. 30, '78 in Ia. Age 26. Rk. Sept. 18, '05.		pvt. co. G, 51 inf. I. N. G. mar. 28, '01; sgt; re- enl. mar. 28, '04; 2 lt. sept. 18, '05; exam. dec. 7, '05.
41.	Grant N. Spinden, (Co. I, 54 Inftry). Born Mch. 4, '81. Age 24. Rk. Oct. 30, '05.		pvt. co. I, 50 I. N. G. mar. 6, '99; re-enl. mar. 7, '02; corp. july 18, '02; sgt; may 24, '04; re-enl. mar. 7, '05; 2 lt. oct. 30, '05; exam. dec. 7, '05.
42.	Ralph Othmer, (Co. C, 54 Inftry). Born July 18, '82 in Ia. Age 23. Rk. Nov. 6, '05.		pvt. co. C, 50 I. N. G. july 11, '01; sgt. feb. 17, '02; re-enl. july 11, '04; sgt. 2 lt. nov. 6, '05; exam. dec. 7, '05.
43.	Frederick J. Taylor, (Co. L, 56 Inftry). Born April 17, '77 in England. Age 28. Rk. Nov. 8, '05.		pvt. co. L, 56 I. N. G. jan. 28, '03; L corp. apr. 17, '04; q. m. sgt. sept. 14, '04; red. to corp. at own request jan. 17, '05; reg. comsy. sgt. june 29, '05; 2 lt. co. L, 56 inf. nov. '05; exam. dec. 7, '05.

OFFICERS RETIRED SINCE LAST BIENNIAL REPORT.

Number	Name, Rank, Date of Rank, Date of Comm., Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
	ADJUTANT GENERAL With Rank Of BRIGADIER GENERAL. Byers, Melvin H.	pvt. co. B, 29 inf. Ia. vols. jan. 5, 64; m. o. aug. 10, 65.	2 lt. co. C, 5 regt. I. N. G. mar. 1, 80; 1 lt. aug. 1, 81; capt. jan. 2, 84; re-elect, feb. 4, 89; co. tra. to co. C, 8 regt. apr. 30, 92; re-elected capt. apr. 23, 94; maj. 3 regt. sept. 3, 95; adjt. gen. feb. 1, 98; re-app. feb. 1, 00; re-app. jan. 16, 02; term expir. feb. 1, 1904.
	COLONELS. Caughlan, Harry H. 54 Inftry.	maj. 50 regt. Iowa vols. may 15, 98; mus. may 18, 98; m. o. nov. 30, 98.	pvt. co. G, 2 regt. I. N. G. June 2, 87; sergt. and 1 sergt. 88 and 89; 1 lt. June 8, 91; capt. Jan. 5, 94; maj. 2 regt. May 15, 98; m. o. May 18, 98; col. 50 regt. I. N. G. Mar. 20, 99; com. exp. Mar. 20, 04.
	LIEUTENANT COLONELS. Chapp, Samuel M. 53 Inftry.	maj. 49 inf. Iowa vols. Apr. 26, 98; mus. June 2, 98; m. o. May 18, 99.	pvt. co. H, 1 regt. I. N. G. Mar. 31, 90; 1 lt. Jan. 8, 91; tra. to co. K, 4 regt. Apr. 30, 92; capt. Mar. 13, 93; tra. to co. K, 1 regt. June 7, 94; maj. 1 regt. Feb. 25, 96; mus. out June 2, 98; maj. 49 regt. I. N. G. Mar. 26, 00; lt. col. May 10, 00; com. exp. May 10, 05.
	Haynes, Henry C. 50 Inftry.	capt. co. E, 50 inf Iowa vols. Apr. 26, 98; mus. In May 17, 98; m. o. Nov. 30, 98.	pvt. co. E, 2 regt. I. N. G. June 15, 85; corp. and 1 sgt. 88 and 89; re-enl. June 14, 90; 1 sgt. July 91; 1 lt. Aug. 6, 91; cap. June 2, 92; resig. Dec. 16, 92; drum maj. 3 regt. July 23, 95; capt. co. E, 2 regt. June 26, 96; m. o. May 17, 98; capt. co. E, 50 regt. I. N. G. Feb. 9, 99; lt. col. Mch. 20, 99; resig. Sept. 1, 02.

OFFICERS RETIRED—CONTINUED.

Number	Name, Rank, Date of Rank, Date of Comm., and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
	Parker, Sanford J. 56 Infy.	maj. 52 inf. Iowa vols. apr. 26, 98; mus. may 25, 98; m. o. oct. 30, 98.	pvt. co. H, 6 regt. I. N. G. 80; corp. sergt. 82; 2 lt. sept. 9, 85; 1 lt. aug. 15, 88; capt. July 8, 91; co. tra. to co. D, 4 regt. April 30, 92; maj. 4 regt. Feb. 26, 94; m. o. May 25, 98; lt. col. 52 regt. I. N. G. April 20, 99. com. expired Apr. 20, 04.
	MAJORS. Dunlap, John A. 54 Infy.	capt. co. L, 50 inf. Iowa vols. May 10, 98; mus. May 17, 98; m. o. Nov. 30, 98;	1 lt. co. A, 2 regt. I. N. G. Mar. 31, 90; 1 lt. and bat. adj. 2 regt. Mar. 12, 94; capt. co. L, 2 regt. May 10, 98; m. o. May 17, 98; maj. 50 regt. I. N. G. Mar. 20, 99; com. expir. Mar. 20, 04.
	Hilo Otto. 56 Infy.	maj. 52 inf. Iowa vols. Apr. 26, 98; mus. May 25, 98; m. o. Oct. 30, 98.	pvt. co. A, 1 regt. I. N. G. April 23, 86; corp. Aug. 1, 88; 2 lt. Sept. 10, 88; capt. July 24, 91; co. tra. to co. I, 4 regt. April 30, 92; maj. 4 regt. June 24, 97; m. o. May 25, 98; maj. 52 regt. I. N. G. April 20, 99; com. expir. Apr. 20, 04.
	Hume, John T. Asst. Adjt. Gen'l.	maj. 51 inf. Iowa vols. Apr. 26, 98; mus. May 30, 98; m. o. Nov. 2, 99.	pvt. co. A, 3 regt. I. N. G. June 13, 82; corp. Nov. 15, 82; 2 lt. July 30, 83; 1 lt. Mar. 20, 86; adjt. 3 regt. Mar. 24, 86. res. May 16, 88; cap. co. A, 3 regt. I. N. G. Feb. 4, 89; asst. insp. gen. 1 brig. May 24, 90; res. July 1, 93; app. col. and asst. adjt. gen. Sep. 21, 92; declined adjt. 3 regt. July 1, 98; maj. 3 regt. Apr. 30, 97; m. o. May 30, 98; insp. s. a. p. May 21, 00; asst. insp. gen. Dec. 24, 00; maj. and asst. Adjt. Genl. Apr. 15, 04; exam. June 15, 04; term exp. Apr. 1, 06.
	Lee, Jesse W. 53 Infy.	capt. co. C, 52 inf. Iowa vols. Apr. 26, 98; mus. May 25, 98; m. o. Oct. 30, 98.	pvt. co. C, 6 regt. I. N. G. 88; corp. 90; 2 lt. Mar. 16, 91; 1 lt. Dec. 31, 91; co. tra. to co. C, 4 regt. Apr. 30, 92; capt. Dec. 14, 95; m. o. May 25, 98; capt. co. C, 52 regt. I. N. G. Mar. 16, 99; maj. 52 regt. May 8, 99; com. expir. May 8, 04.

ADJUTANT-GENERAL'S REPORT.

65

OFFICERS RETIRED—CONTINUED.

Number	Name, Date of Rank, Date of Commission, Date and place of birth and age.	Service.	
		U. S. Army.	National Guard and Other Service.
	Odle, David M. 56 Inftry.	capt. co. E, 52 inf. Iowa vol. apr. 26, 98; mus. may 26, 98; m. o. oct. 30, 98.	pvt. co. E, 6 regt. I. N. G. june 25, 91; 1 sergt. april 92; co. tra. to co. E, 4 regt. apr. 30, 92; 1 lt. june 5, 93; capt. july 22, 95; m. o. may 25, 98; capt. co. E, 52 regt. I. N. G. mar. 13, 99; maj. 52 regt. may 10, 00; com. explr. may 10, 05.
	CAPTAIN. Emery, Daniel A. Regt. Adj. 54 Inftry.		pvt. co. B, University bat. State Univ. of Iowa, 81; pvt. co. G, 2 regt. I. N. G. apr. 19, 84; corp. sgt. 1 sgt. 85, 86 and 87; 2 lt. july 15, 87; 1 lt. june 4, 88; capt. mar. 21, 90; resig. dec. 20, 93; capt. and q. m. 1 brig. jan. 11 97; capt. and regtl. adj. 50 regt. april 1, 99; re- sig. mar. 31, 04.

SUMMARY OF DISBURSEMENTS NATIONAL GUARD FUND.

Summary of disbursements made from the National Guard Fund from Nov. 30th, 1903, to Nov. 30th., 1905. (Itemized Statement Filed With The Governor).

Salaries and clerk hire	\$ 5,555.00
Telegraph and telephone	81.86
Express, freight and cartage	2,309.62
Drill pay	29,168.15
Armory rent, fuel and light, postage and stationary	30,463.88
Inspections, expenses and per diem	2,560.55
Camp pay	30,064.37
State Rifle Range, pay details and rifle teams	5,059.05
Transportation	2,579.40
Subsistence annual camp	219.89
Subsistence rifle range	622.76
Allowance for Company Rifle Ranges	1,830.00
Cleaning and repairing clothing etc.	196.10
Physical examinations	1,361.18
Miscellaneous expense	1,025.41
Miscellaneous expense State Rifle Range	716.75
Pay members examining boards	675.54
Miscellaneous expense annual camps	6,025.50
Uniforms	4,894.40
Total	\$ 125,409.41
Balance in fund Dec. 1, 1903	6,881.14
Appropriation Mar. 10, 1904	10,000.00
Appropriation Apr. 15, 1904, pro rata to June 30, 1904	2,685.42

ADJUTANT-GENERAL'S REPORT.

Appropriation to June 30, 1905	70,000.00
Appropriation to June 30, 1906	70,000.00
Cash turned into State Treasury for sales of stores and for net refunds	4,758.07

Total \$164,224.63

Total expenditures \$125,409.41

Balance on hand Nov. 30, 1905 \$ 38,815.22

STATEMENT OF DISBURSEMENTS ARSENAL RENT FUND.

Disbursements from Nov. 30, 1903, to Nov. 30, 1905 in Temporary Arsenal Fund, appropriated under Sec. 20, Chapter 146, Laws of 1904. (Itemized statement filed with the Governor).

Total \$ 1,417.28

CLASSIFIED AND ITEMIZED STATEMENT

Of Expenditures for the office of Adjutant General from November 30, 1903, to November 30, 1905, inclusive —Purchase and improvement permanent camp ground—Chapter 151, Laws of 1904.

DATE.	TO WHOM PAID.	FOR WHAT.	AM'T.
1904.			
July 11	Maggie Wilson,	Purchase of a permanent camp ground for the Iowa National Guard.	\$ 6,606.67
11	Maggie Wilson, guardian,	Same	13,333.33
29	J. Howard Henry,	Abstract of title S.-W. ¼ 27, 78, 24	33 00
Dec. 17	Lt. Seth Dean, Eng. Officer.	Services self and assistants and expense while making survey of camp ground	43.70
1905.			
May 3	Iowa Seed Company,	Grass seed for seeding camp ground	53 36
June 24	Frost Pressed Brick Co.	Brick for foundation store room on ground	6 00
July 5	B. Schreiner, C. E.	Services as civil engineer camp ground	6.65
8	A. J. Danielson,	22 days labor on camp ground	38 50
19	Carr & Adams Co.	Paroid for roofing store room	63 00
19	Ewing & Jewett	Lumber for improvements	111.30
19	Dempster Mfg. Co.	Tanks, pumps, hose etc. for camp ground	61 40
19	St. John & Barquist Co.	Tanks, urinal troughs etc. for camp grounds	79 00
19	Garver Hardware Co.	Hdw. paints, oils etc. for camp grounds	28 55
19	Martin, Oulbertson Co.	Splicing flag pole for camp gr'd	12 50
Oct. 5	Matthews & Woolgar Carriage Co.	Iron bands for splicing flag pole for camp ground	1 35
5	Dempster Mfg. Co.	Erecting tank State camp gr'd ..	7.89
		Total	\$20,545.70

CLASSIFIED AND ITEMIZED STATEMENT.

Of Gray Uniform Fund for the office of Adjutant General from November 30, 1903, to Nov. 30, 1905, inclusive. Paid from appropriation under Chapter 153, Laws 26th G. A.

DATE.	TO WHOM PAID.	FOR WHAT.	AM'T.
1904.		Balance in fund Dec, 1, 1903.....	\$ 804.25
May 19 1905.	Mary E. Brenton, widow of Wm. H. Brenton, Co. D, 2nd Inf.	Gray uniform \$ 14.25	
Oct. 30	James Owens, Co. G, 3rd Inf.	Gray uniform..... 14.25	28 50
		Balance in fund Nov. 30, 1905	\$ 775 75

INSPECTOR GENERAL'S REPORT.

OFFICE:
INSPECTOR GENERAL.

DES MOINES, IA. SEPT. 1, 1905.

The Adjutant General of Iowa.

SIR,—In compliance with S. O. No. 88, A. G. O. Des Moines, Iowa, July 6th. 1905, I attended the annual regimental encampments of the Iowa National Guard for the year 1905 on the following dates, to-wit:

The 56th. Infantry July 11th, 12th. and 13th.

The 53rd. Infantry July 20th, 21st, and 22d.

The 54th. Infantry July 29th. 30th. and 31st.

The 55th. Infantry August 7th. 8th. and 9th.

and in compliance with said order I have the honor to submit the following observations and recommendations for the information and consideration of the Commander-in-Chief.

The dates named in the case of each regiment were the three last days of their respective camps and included the day set for the review of the regiment by the Commander-in-Chief, and the last day in camp, or rather, the day in which the camp was broken up. During this time I was also charged with the duty of mustering each organization in the several camps.

Par. II of the special order directing this service says:

"This officer will confine himself to an *inspection of observation* as to the drill, discipline, care and conduct of the troops, the issue and care of rations, care of public property, sanitation and such other observations as shall enable him to make a complete report of the troops in camp for the information of the Commander-in-Chief."

The duties imposed under the order and the very limited time allowed both *prohibited* and precluded the possibility of arriving at any but the most general idea of the efficiency of the several commands and hence this report must be of a general rather than of a specific nature. Taking the subjects mentioned to be reported upon in their order, we may treat the "drill, discipline care and conduct of the troops" as one subject, and under this head I remark:

First.—The drills were mostly conducted by company and battalion and the different units of the commands were occupying drills grounds widely separated so that it was impossible, except in the most general way to observe their movements or judge of their proficiency or progress. However, I noted with satisfaction that *with a few exceptions* the drill hours were being utilized for the purpose for which they were intended

viz: a time of *work* and not a time of *rest*, in other words, most of the organizations kept "faithfully at it" until recall sounded. This is a most encouraging feature, for, as field officers especially have but this one opportunity during the year to either exercise direct command or demonstrate their theoretical knowledge, they should make the most of it. This does not mean that the enlisted men of their commands should be worked to exhaustion, but that every moment of the short time allotted for field instruction should be profitably employed.

Presuming that the term "drill" in this connection includes ceremonies, I would say that, as usual, the ceremonies of Guard Mounting, parade and review were creditably performed by all the regiments, although some of the formations were slow and there were noticable errors in the matter of distances in column and intervals between companies and battalions in line.

The 56th. regiment had "Shelter tent" drill by battalions as a regular exercise and part of the field instruction. The 55th. regiment gave an exhibition of this drill, by regiment, at the close of the review of the regiment by the Commander-in-Chief.

As the whole force is now equipped with the shelter tent the instruction in this drill should receive the attention of company officers throughout the entire command. It can be readily taught in the armory at the company stations.

Second.—Discipline was fairly well maintained in most of the organizations, and the camps were quiet and orderly and military courtesies were generally observed. It was evident, however, that there were a large number of enlisted men, including non-commissioned officers who were not properly instructed in this respect.

CARE AND CONDUCT OF TROOPS.

Third.—Not being present at the time of the arrival of the regiments in camp I can make no report on their care and conduct enroute, but during my official stay in the several camps I observed no lack of care on the part of the company officers for their men and they seemed to be supplied with all the necessities of a soldier in camp and, with few exceptions, were conducting themselves in a soldierly manner and devoting their time to the performance of their military duties. In this connection I may remark that I was pleased to observe a more careful attention, on the part of company commanders, to the police of their company streets and supervision of their company kitchens than heretofore, in fact, so satisfactory was the police arrangements and care of the field kitchens of one or two of the regiments that Major Deshon (the Major Surgeon of the 11th. U. S. Cavalry stationed at Fort Des Moines) an officer of wide experience both in the line and the medical department who kindly consented to accompany me on my tour of inspection, said to me that he had never seen better policed or regulated field kitchens in the regular establishment. I mention this circumstance because this is a subject to which the Inspector General's Department has been giving special attention during the last three years, and it is gratifying to the

department and *very encouraging* to the organization to receive such commendation from an officer and professional soldier of Major Deshon's rank and experience.

THE ISSUE AND CARE OF RATIONS.

Under this head I remark that in accordance with my recommendation in report of last year's encampments, a commissary and quartermaster store house had been built near the camp site thus affording much better facilities for supplying the troops with the necessary commissary and quartermaster stores and especially facilitating the prompt issue of rations to the companies.

An inspection was made of the commissary and quartermaster store house during the camp of each regiment and in each case the officers and non-commissioned officers of these departments were found attending to their respective duties in an intelligent and soldierly manner, and a careful inspection of rations and inquiry of the non-commissioned officers in charge of company kitchens demonstrated in each case that the command was being promptly supplied with the full allowance of rations of good quality. Careful observation and inquiry as to the amount and quality of rations being issued to the several commands developed no complaint worthy of mention. My observation was that in most cases, the ration was sufficient, of good quality, properly cared for, well cooked and served.

THE CARE OF PUBLIC PROPERTY.

The Commissary and Quartermaster store house before mentioned afford a very convenient and commodious place for the storing and care of public property during encampments, but is not of a sufficiently permanent character, in its present condition, to provide safe storage during the whole season.

My observation was that most company commanders were talking proper care of government property in their charge.

Upon inquiry as to whether property has been receipted for by regimental quartermasters and to them by company commanders, I found that the quartermasters of some of the regiments had receipted for no public property and neglected or declined to do so on the ground that the property was not properly turned over to them and the distribution of it, to company commanders was in charge of a non-commissioned officer of the Adjutant General's Department. The General Order establishing the camps of 1905 provided that regimental commanders were to have full control of their respective camps and were to be held responsible for the care of property, and the efficiency and conduct of their commands. Under this order it would seem that the entire equipment and supplies for the camp should have been turned over to the regimental commander for such distribution as he might direct; otherwise he could not reasonably be held responsible for the care and preservation of public property used by his command.

SANITATION.

Semi-permanent latrines were constructed for the use of the troops this year and served their purpose fairly well, but, if they are to be continued, in use, some more sanitary method should be adopted for disposing of their contents, as in emptying them into the scavenger cart more or less of the fecal matter was dumped upon the ground and produced a foul and unsanitary condition about the latrines. Precautions were taken against this becoming offensive by liberal applications of lime, but the system was neither sanitary or satisfactory.

If the ground that has been used for camp purposes for the camps of 1904 and 1905 is to be continued in use for that purpose, some proper drainage system should be installed. It would seem that the ravine on the west side of the camp ground might be utilized as the main conduit and lateral drains from the camp grounds proper run into it, thus affording a very satisfactory drainage system at a minimum cost.

A building and equipment for shower baths was installed this year but were not completed in time for the use of the first troops in camp. The lateral drain from the bath house was not extended far enough and as a consequence the waste water accumulated in it and became very stagnant and foul, a condition that I called attention to several times, but without any apparent effect, for I found the same condition existing upon an inspection at the close of the last camp.

The medical officers and detachments with all the regiments were, as usual, energetic and efficient in the discharge of their duties, and there was very little sickness of a serious nature in any of the regiments.

A careful inspection at the close of each camp after the troops had left, demonstrated that more care than heretofore had been exercised by all the regiments in the police of all the ground before leaving it. Tents were rolled, tent floors taken out and turned over and the ground inside the tents well policed. In one or two instances I found that the bath house and the ground about it had not received proper attention in this respect.

REVIEWS BY THE COMMANDER-IN-CHIEF.

The Commander-in-Chief accompanied by his staff reviewed each regiment during its tour of camp duty. The ceremony of review was very creditably performed by all the regiments. Upon the invitation of Colonel Bishop, Colonel Thomas commanding the 11th. U. S. Cavalry stationed at Fort Des Moines, accompanied by his staff, joined the Commander-in-Chief in his review of the 54th. regiment. In the interest of promoting friendly acquaintance between the officers of the regular establishment and the National Guard, such courtesies should be more frequently extended, for Colonel Thomas and all his officers have shown themselves very friendly and cordial in their attitude toward the officers of our service. Personally I am under many obligations to them for favors received and interest shown in the work of the Inspector General's Department.

The First Signal Company, Captain Domback commanding, encamped with the 55th. regiment, and under command of this energetic and

competent officer again demonstrated the great value of this branch of the service, by installing telegraph, telephone and electric light plants. Power for this service was furnished by a traction engine, and a field telephone switchboard, constructed by the company, was in operation. The service of the company in all respects, so far as opportunity was afforded to observe it, was very creditable.

GUARD DUTY SHOWS SOME IMPROVEMENT.

A noticable improvement in the performance of Guard Duty was observed. This was no doubt due to the interest aroused by requiring this, the most important duty of a soldier, to be studied and demonstrated by each company at its station inspection last winter. Heretofore it has been a much neglected part of the instruction of the non-commissioned officers and enlisted men of most of the companies. The performance of this duty was, however, far from perfect and the necessity for continued instruction and drill in it was very apparent.

RECOMMENDATIONS.

I again call attention to the lack of proper transportation facilities, for both passengers and baggage, between the city of Des Moines and the camp grounds. The service rendered by the street railway company between the city and the camp ground, was if possible, less adequate or satisfactory this year than last, and was the subject of many complaints. The cars were few and crowded, the running time was very slow, the employees of the company were discourteous and disoblging, and little or no attention was paid to the requirements or comforts of their patrons. The street railway company, on whom the state officials must necessarily depend for this service, seem to be entirely oblivious and indifferent to the benefits of the location of the permanent camp ground near Des Moines and, so far, have exhibited no disposition to co-operate with the authorities by providing suitable and adequate facilities for the transportation of the troops, people and baggage.

I would therefore recommend that if this condition is not changed and ample and satisfactory facilities are not provided or guaranteed by them before the next annual encampments, that the present camp grounds be disposed of by sale or otherwise and the permanent camp be located elsewhere.

I recommend that some better method be adopted for disposing of the sewage and garbage so that the ground about the latrines and kitchens may be kept in a more sanitary condition.

As the annual encampments afford the only opportunity of demonstrating and judging of the relative proficiency of the several organizations and officers in field and camp duties, I recommend that the practice of having inspecting officers on duty in all the camps during the entire tour of each regiment be resumed, and that they be authorized and directed to observe, inspect and mark all organizations, and especially field and company officers on their proficiency in field and camp duty. I make this recommendation, not only because I believe it to be the best method for judging of the efficiency of the several organizations in field

service but because many of the line and field officers of all the regiments expressed to me their disappointment and regret that the inspections and markings for proficiency in field and camp duty had been discontinued.

There are, of course, a few weak officers and organizations who naturally object to being inspected anywhere at any time, but it is safe to say that, as a rule, the money spent by the state on such officers and organizations is wasted, and it is to prevent the continuance of such waste of time and money on the part of the state, that such inspections should be had.

I recommend that encampments by regiments be continued and that the regimental commander, the adjutant, the quartermaster, the commissary and a sufficient detail of non-commissioned officers and privates be ordered to report for duty at least two days before the beginning of their respective camps, and that all the equipment and supplies necessary to establish their camps be turned over to the regimental commanders and that they be charged with the duty and responsibility of laying out their several camps and the care and conduct of their regiment during the tour of camp duty.

I recommend that hereafter on the occasion of reviews by the Commander-in-Chief, his staff in the matter of uniform conform to the dress of the troops, as is done in the regular establishment.

Very respectfully,

Jno. R. Prime,
Colonel, Inspector, General.

DES MOINES, IOWA, JANUARY 18, 1906.

Adjutant General, Des Moines, Iowa.

SIR—I have the honor to submit the inclosed report.

Wilton McCarthy,
Surg. Gen., I. N. G.

Reasons why the Surgeon General of the Iowa National Guard should be selected from the Senior Medical Officers of the Guard:

1. *To avoid an inefficient Medical Department.*

To avoid camp diseases and to keep troops always fit to march and to fight, requires that a medical officer be a specialist in the two professions of medicine and arms. He must possess skill in military hygiene, military medicine and military surgery, be trained in the complex system of book-keeping and record making necessary to shelter, feed, clothe, pay, transport, transfer, discharge, pension, and enter military patients shifted about by the vicissitudes of war, and he must be fully conversant with all the varying daily features of a soldier's life. This knowledge can only be gained by several years of service with troops.

A Surgeon General who has not had this training, labors under the same disadvantage in handling his department that a Colonel without previous military experience would encounter on taking command of a regiment. Each would be obliged to depend wholly upon a subordinate

whose judgment and loyalty might be good or bad. An efficient department in any business requires an efficient head. It is especially true of the Medical Department of an Army. To appoint an untrained Surgeon General is unjust to him, unjust to the department as a whole, and a result only in a break-down when the day of strain arrives.

2. *To encourage zeal on the part of other medical officers.*

Under the present system a medical officer may serve five, ten, or fifteen years but he can never rise beyond a regimental surgeon. With each change of administration, he sees a new and usually an untrained head placed over him. He witnesses needless mistakes and lapses; he becomes apathetic and finally leaves the guard in disgust. His services are lost to the State just when experience is making them most valuable.

A regular flow of promotion, *in which efficiency alone should count*, so that an intelligent, active medical officer might look forward to passing through all the grades from Assistant Surgeon to Surgeon General, would do much to arouse the medical department from its present indifference and to prevent the spectacle of medical officers intentionally absenting themselves from the yearly encampments.

SUGGESTED CHANGES.

1. Select the Assistant Surgeon General from the Senior Regimental Surgeons.

2. Require the Assistant Surgeon General to perform the duties of Medical Inspector of the Guard, visiting each camp for two or more days and making reports to the Surgeon General of comparative sanitary conditions and of the relative efficiency of the medical personnel.

3. Promote the Assistant Surgeon General to the position of Surgeon General when a vacancy occurs. By this means the head of this most important department will have had the technical training and personal knowledge of his department necessary to handle it to best advantage in time of need.

4. Detail a conveniently accessible medical officer to accompany the Governor on occasions of ceremony as Attending Surgeon for the Headquarters staff.

5. Require the Surgeon General to prescribe each year a course of instruction for medical officers and hospital corps and to inform the Adjutant General in his Annual Report of the program made.

6. Inefficient medical officers and hospital corps men should be discharged the service on the recommendation of the Surgeon General.

7. These provisions should be covered by legislation.

REPORT OF LIEUTENANT-COLONEL ALLEN.

INDEPENDENCE, IOWA, AUG. 10, 1905.

Adjutant General, Des Moines, Iowa.

SIR,—Pursuant to Par. 11 of G. O. No. 16 A. G. O., dated June 8, 1905, I have the honor to submit herewith my report of duty during the encampment of the 53rd. Iowa National Guard of July 15th. and 22d. inclusive.

I found the camp grounds, which had been used by the 56th. Regiment the week previous, in excellent condition having been thoroughly policed, tents rolled, tent floors removed and turned bottom side up.

The first companies arrived about 6 A. M. July 15th., and the last arrived about 6 P. M. the same day. There was no delay in getting the men to the camp grounds, but nearly every instance there was a delay from three or seven hours in getting the baggage out to the camp.

Our week was a very profitable one, only losing one drill on account of the weather. Battalion and Regimental drills were held each day, covering thoroughly the different movements in the drill Regulations including close and extended order Advance and Rear Guard and battle formations. Particular attention was given to the instruction of the guard. A Field Officer being detailed for that purpose. We found the Rations ample and excellent.

The medical department under Major Grant performed their duties as laid down by order No. 10 A. G. O. in a highly commendable manner.

I enclose herewith report of Major C. S. Grant, which I desire to make a part of this report. The Regiment was reviewed by His Excellency, Governor Cummins, Thursday afternoon; review followed by an inspection of quarters, General Order No. 16 also asks for recommendation, and it is with a feeling of hesitancy that I venture on this subject.

The entire purpose of the National Guard as I understand it, is to have a force drilled, equipped and disciplined in case of need; an auxiliary or reserve to the Regular army. Such being the case anything that affects the companies in any way detrimental, should be avoided.

I am convinced after two years camping at the permanent camp grounds at Des Moines, that a permanent camp ground located at Des Moines, is a detriment to the Guard for various reasons among which I might mention the following: Anything that tends to dampen the enthusiasm of the members toward attending camp is detrimental. That there is very little desire among men who have attended one camp at the permanent camp ground to attend another is well known to most company commanders, at least in the 53rd Regiment.

I find that the best companies are those who have the earnest and hearty support of their home communities, that if their weekly drills are attended by their home citizens it has a very encouraging and beneficial effect upon the company. Why shouldn't the same thing hold true in camp. If there are large crowds out to see the drills, is there not an incentive for the men to make their most creditable appearance and do their best work. There is in every company a certain percent of the "true soldier," who, no matter where the camp or what the situation, would go, but on the other hand quite a number join the guard from various reasons; the opportunity for a good time; the glamor of "brass buttons," the opportunity to attract attention, etc. Yet the company commander must interest these different men in order to keep his company up to standard.

There is in the 53rd. Regiment possibly only four towns that are large enough to support an "awaiting list" i. e. always having applicants waiting for membership. In towns of 2500 it is a serious problem for the company commander to get 50 men that meet the physical and moral qualifications required.

Camps have been and should be a great inducement to men to join and others to stay in. If a permanent camp fails to do this we should revert to the old method of "passing it around." Our National Guard is largely dependant for its popularity and therefore its enthusiastic support upon the good opinion which the people of our state entertain toward the organization. In my way of thinking a yearly encampment in different cities give the officers and men standing and influence in every such encampment in a different city and adds that much to the constituency to the guard.

I believe that the matter of expense would be less in temporary, than in permanent camps. In the case of this Regiment by locating that camp at some central point it would be possible to have all the regiment there the first day and all stay till the last, also every community visited by the guard considers itself under obligation to support our reasonable needs, and after all we are much more dependent upon the state of Iowa than upon the National Government and the State must stand back of our future growth.

The orders of this year assigning an officer of the Inspector General's Department on duty with the Regiment for the purpose of inspection and report, proved very satisfactory and I believe more so than the inspections conducted at previous camps, where the troops were paraded for drill and inspection much to the annoyance of Regimental Commanders, who desired to carry out any plan of drill or instruction for their regiments. The plan this year gave us the advantage of having the presence of an officer of the Inspector General's Department with us, without in any way interfering with any program that might have been arranged by the Regimental Commander.

That duty with my Regiment was performed by Col. John R. Prime to whom I am indebted for many suggestions and much valuable advice.

In conclusion I want to thank your office for the many kindnesses and the help so cheerfully given on every occasion.

Respectfully yours,
Your Obedient servant,
Hubert A. Allen,
Lieutenant Colonel.
Commanding 53rd. Regt. I. N. G.

REPORT OF COLONEL BISHOP.

HEADQUARTERS 54th INFTRY.,
MUSCATINE, IOWA, AUG. 31, 1905.

To the Adjutant General of Iowa.

SIR—In compliance with General Order No. 16, A. G. O. Des Moines, Iowa, June, 8, 1905. I have the honor to report that I issued such General and Special Orders as I deemed consistent to insure the prompt and uniform compliances with the above General Order for encampment.

The Field, Staff and Non-commissioned Staff of the 54th Infantry, in compliance with my Special Request, preceded the Regiment into camp and arrived July, 23 1905, enabling me to hold a school of instruction and make arrangements for the arrival of the troops.

Special Order No. 98. A. G. O. Des Moines, Iowa, July, 19th and 106. A. G. O. Des Moines, Iowa July, 27, 1905, provided for transportation to and from camp. Although ample arrangements were made by the Adjutant General, with the railway companies, the troops were delayed from one to two hours and the baggage would not have arrived as early as it did had not a Staff Officer (detailed for that purpose) insisted that same be forwarded without delay. Some companies were compelled to wait for transfer of railroads two or three hours which is a detriment to discipline and annoyance of troops. The transportation of horses to camp was not satisfactory, as the time consumed in transit was too great and Officers were compelled to rent horses for more days than their pay allowance. The teaming of baggage to camp was insufficient as teams were required to remove the garbage from the ground. Transportation from camp was very satisfactory, as six teams were provided, and railroads were more punctual.

The Commissaries were ample and of the best quality, with few exceptions.

The Quartermaster and Commissary building was occupied by the State and Regimental Quartermaster and Commissary Officers with no separate apartments, and each had keys to the entire building, making responsibility for property questionable.

The camp was laid out by a previous Regiment, and as the buildings did not admit of a change of location, I was forced to accept the camp as permanent. The topography of the camp grounds, in its present state, does not permit the laying out of a camp with proper drainage, or in accordance with the Drill Regulations. The present location of the permanent camp grounds does not prove satisfactory to Officers and men of the 54th Infantry.

The Regimental camp proved more satisfactory than Brigade, in that Regimental Commanders were given full control, which enabled them to instruct their commands preparatory for more extensive work.

The discipline of the separate commands was much improved, Officers and men performed their duty with fair knowledge and progressive interest.

The Medical Department, under command of Major D. S. Fairchild, was well organized and assisted the Regimental Commander in compliance with G. O. No. 10. c. s. A. G. O. on the sanitation of the camp.

The system of latrines was a much needed improvement, and served its purpose, as shown by the cleanliness of the camp. The bath house was also a welcome addition, much to the comfort of the command.

The tentage was ample and in good condition.

The strength of the command was the largest attendance at camp since the Spanish-American War, and enabled drills more in conformity with the Regulations.

The new equipment and clothing, not only proved useful, but added to the appearance of the Regiment, although many uniforms need altering to conform with the men's physique.

The heavy fall of rain made the camp almost untenable in its congested state and a small stack of straw was appropriated to place company streets in a sanitary condition.

Guard duty was performed by Battalions (Colonel E. E. Lambert acting as special instructor) thus enabling the other Battalions to have their full quota for drill. Outpost duty was performed at night, giving practical experience of protecting the camp under cover of darkness, which proved to be interesting and more instructive.

July, 24, 1905, the troops arrived in camp too late to admit of any drills or ceremonies except Guardmounting and Retreat.

July 25, 1905. A. M. Battalion drill in close order. P. M. Battalion extended order drill, Guardmounting and Parade.

July 26, 1905. Rain prevented drills and ceremonies except Parade and Guardmounting.

July 27, 1905. A. M. Wet weather making drill impractical, companies were given setting up and bell-bar exercise. P. M. extended order drill, Guardmounting and Parade.

July 28, 1905. A. M. Battalion drill. P. M. advance guard, formation for attack, Guardmounting and Parade.

July 29, 1905. A. M. Battalions drilled bell-bar exercises by music. P. M. Regimental drill, troops reviewed by the Governor of Iowa and Retreat.

July 30, 1905. A. M. Church Services. P. M. Muster and pay of troops, Guardmount and Parade.

July 31, 1905. The early departure of troops prevented other duties than breaking camp, and policing grounds, previous to entraining for home stations.

In closing my report I have the honor to recommend, for the improvement of the Guard,

That the maximum strength of companies be increased, as it is a hardship to company commanders to require them to furnish an aggregate strength of 52 for camp out of a possible 55. The smaller attendance at camp greatly interferes with the progress of instruction.

More uniforms and equipment to each company, as company commanders cannot fit forty-nine men correctly with forty-nine uniforms unless they have a larger stock to select from and each man should have his equipment without having to borrow from some temporary absentee.

Better transportation of troops, baggage and horses will educate promptness and encourage mounted Officers to bring their own horses with which they are familiar.

Uniform mess chests and lockers etc., provided for the companies would lessen the baggage and make transportation easy.

Regimental Quartermaster and Commissary Officers might be given more responsibility in providing for the arrival of the troops which would prove an education of advantage in case of active service.

Quartermaster and Commissary should be provided with separate quarters where their accountability for property would not be divided or questioned.

The ordering of Regimental, Field, Staff and Non-commissioned Staff to report for a school of instruction one day previous to camp would insure uniformity and facilitate in the instruction of the troops.

Very respectfully,

Frank W. Bishop,

Colonel comdg. 54th Infy., I. N. G.

REPORT OF COLONEL LINCOLN.

HEADQUARTERS 55TH INFANTRY I. N. G.

AMES, IA. AUG. 25, 1905.

The Adjutant General of Iowa, Des Moines, Iowa.

SIR,—I have the honor to submit the following report of the tour of duty of the 55th Infantry, I. N. G. for the year 1905, in compliance with G. O. No. 16 A. G. O. June 8, 1905.

The several companies of the Regiment and the Signal Company reached camp as scheduled in S. O. No. 105 A. G. O. July 27, 1905. Some delay was experienced in getting Company baggage to camp owing to the demoralized condition of the street railway.

Upon reaching camp each company was rationed and supplied with cleaning materials. Tent floors were scrubbed, camp grounds were drained, tents dried and prepared for occupancy.

The heavy rain of the night of Aug. 1st, had covered the greater part of the camp grounds with from one to three inches of water, making the mud ankle deep and the work very trying in putting the camp in sanitary condition. After the surface water was drained off the camp was soon in proper condition and remained in good sanitary condition for the full time occupied by the regiment.

Full and regular work commenced August 3d, and was uninterrupted during the regiment's stay in camp.

The drills covered the entire Drill Regulations up to and including "Evolutions of the Regiment," with ceremonies, including "Review," "Parade," "Escort of the Colors," "Guard Mounting" and "Muster" by the Inspector General of Iowa.

In addition Shelter Tent pitching was given, the Regiment, after instruction, completing a Shelter Tent Camp in 4 minutes. At the signal "To Arms," the men all being inside their tents, the regiment was formed ready for the march or action in 15 seconds. At the signal "The General" tents were struck, packs closed and the regiment formed for the march in 5 minutes.

On Saturday, August 5th, the regiment made a practice march to North River to a point six miles from camp. There the regiment went into bivouac, placing Out-Posts so as to guard all approaches to the camp from all directions. The regiment's position was reconnoitred by the 11th Cavalry U. S. A. from Ft. Des Moines, but no attempt was made to engage the Out-Posts, who were found on the alert. On the march out the 1st Battalion was handled as an "Advance Guard," under the command of Maj. Mentzer; the 2d Battalion, under Maj. Tinley, was held as the main body; the 3d Battalion under Maj. Turner protecting the

column as a Rear Guard, Lt. Col. Bennett assisting. The work of the several Battalions was quietly and efficiently performed, no confusion resulting. The men stood the march well, only a few prostrations of a light character. The column on its return march was protected by mounted scouts who searched the country thoroughly to the front and flanks. We found the roads very rough and closed in by high weeds which made the marching very uncomfortable by cutting off the light breeze that might have been refreshing on properly cared for roads.

His Excellency, Governor Cummins, reviewed the Regiment August 8th, and witnessed a drill in camp pitching and extended order, and expressed himself as pleased with the work of the command.

The Regiment was promptly paid off the night of Aug. 8th and morning of Aug. 9th by Maj. Guy E. Logan.

Wednesday, Aug. 9th, the Regiment broke camp, rolled tents, piled floors, and policed grounds thoroughly, leaving them in perfect order, and returned to their several home stations as ordered by S. O. No. 111 A. G. O. Aug. 7, 1905.

The quarter-master, Capt. Lane, handled the baggage of the command as promptly as was possible with the condition of the street railway.

The food supplied was good and promptly issued by the Commissary, Capt. Brewer, and no criticisms were heard. The water was more or less muddy, but not deemed impure.

The new sinks provided the camp were certainly a success and a great improvement over any system ever used in any previous State Camp.

The sanitary conditions of the camp were carefully looked after by the medical department, Maj. Jay and Capt. Conkling, and the perfect condition of the kitchens and Co. streets showed how closely they looked after every detail. The fact that every man was fit for duty the morning of Aug. 9th speaks well for the health of the command, which worked hard and under new conditions of living.

The Signal Company, under command of Capt. Domback, was encamped to the north of the regular camp and was a well disciplined, hard working body of men who improved every moment of their time in perfecting themselves in their line of work. They were ever ready to render service when called upon, and are a credit in every way to the state.

The discipline of the Regiment was good; but as usual a few recruits exposed their ignorance, as well as unsoldierly greenness, by their attempts to ape the manners and appearance of veterans, but as a body the Regiment is a most worthy body of young men.

The method of inspection in the Camps of this year was, beyond question, a very great improvement over any had heretofore. The Guard has outgrown its kindergarten period and it is no longer, if it ever were, necessary to have a watch placed over the Officers and men of the Guard while they are in Camp.

In this year's Camp the Inspecting Officer saw each regiment do its work as ordered by its Commander, and had an opportunity to judge of its efficiency and the thoroughness of its instruction and discipline. Set drills and programs are alright for High School Corps, but it is belittling to soldiers to treat them in a way that implies unfitness to even conduct an ordinary drill without the directions of a set program. And too, it is in the direction of improvement to give up the old marking system. "Poor," "Efficient" and "Excellent" are sufficient for all military markings of condition of organizations. If "Poor" muster the Company out of the service, if "Efficient" the Company is serviceable, if "Excellent" the Company is to be commended. Twelve efficient companies make a better regiment with more good feeling and esprit de corps which makes fighters, than the same twelve companies grading from 80 to 100. Markings for target practice and attendance are facts, while markings for drills are simply opinions, and too often the drills not under like conditions so comparisons can be possible. The feeling of harmony existing in our Camps this year was most pleasant and encouraging.

Enclosed will be found G. O. No. 1 Hdqs. 55th Inft. I. N. G. dated July 21, 1905.

I have the honor to respectfully make the following recommendations:

1. That no company be allowed to attend camp which cannot take into camp eighty per cent of its enlisted strength with two commissioned officers.

2. That camps be held for a period of ten days.

3. That at least 1000 rounds of blank cartridges to each company should be supplied for use in camp for the proper training of men in fire control. Marksmen who cannot be controlled under the excitement of maneuvering under fire will be of very little more value than untrained men, for troops can be held for the decisive moment only when under perfect fire control, and such control can only be gained by work such as blank cartridges will permit.

4. That each Battalion, under command of its major, be assembled each year for two day's work in target practice. This would give valuable training and interest and instruct the men in rifle firing.

5. That each major be allowed to visit his Battalion once or twice a year without expense to himself.

6. That leaves of absence and furloughs be not given later than thirty days preceeding camp, unless required by extraordinary causes.

7. That railroads provide trains for the return of troops to their home stations, so the Regiment as a body can leave its camp and be embarked for home on the afternoon of the day upon which camp closes and avoid necessity of companies being compelled to lay around, waiting for trains. The last day in camp can be made a day of instruction and work and the state not made to pay for services of a Micawber like inaction.

8. Absence from "Check Roll Call" at "Taps" was caused mainly by inability of men to return to camp in time calculated upon on account of

uncertain car service. If troop trains could be arranged to take men to town and return them on prearranged time, said service would be a great convenience to all concerned.

9. That only manufactured ice be issued to troops when it is possible to obtain such ice.

10. That the Regimental Commander have control of all details regarding target practice as well as along other lines of work, and that the Department of Inspector Small Arms Practice be for instruction and not command.

I have the honor to submit the following recommendations by the staff of the Regiment, which I fully endorse:

1. That all blanks used for reports, returns, muster and pay rolls, etc. shall conform strictly to forms used in the U. S. Army, thus requiring no change in methods when in service of the United States.

2. That camp sutlers, if allowed, be compelled to obey all orders received from the Chief Surgeon of a camp regarding anything offered for sale by them, giving the Surgeon full power to prohibit sale of undesirable stuff.

3. That water and garbage cans should be marked with large letters "Water" and "Garbage" respectively, also tubs used as "Urinals" should be marked as such and stored separately from all others.

4. That a hole should be dug 20 inches deep and 4 feet square and cased with a wooden frame and to be 4 inches higher than surface of ground at each kitchen, for the water cans to be set inside of this frame and the frame filled with clear gravel around cans to absorb spilled water and keep the place clean and wholesome.

5. That hospital mattresses and pillows be condemned and new ones procured, as the old ones are a source of danger.

6. That all bed sacks be washed and disinfected before being used again.

I desire to express my appreciation of courtesies received at your hands and the ever ready aid given in every way possible to make the tour of duty of the regiment successful and pleasant.

Jas. Rush Lincoln,
Colonel 55th Infy. I. N. G.

REPORT OF COLONEL HUMPHREY.

SIoux CITY, IOWA, NOV. 28, 1905.

To The Adjutant General of Iowa, Des Moines, Iowa.

SIR.—I have the honor to submit the following report of the tour of duty of the 56th Infantry at Camp Cummins, Des Moines, Iowa, for a period of eight days, from July 6th, to 13th, 1905, inclusive.

I arrived at Camp Cummins early on the morning of July 5th with my Adjutant, Quarter-master and Commissary Officer. Found ground for camp had been selected and staked out as seemed best by your department, taking into consideration the conformation of the ground. Camp was in column of companies. The Companies commenced to arrive at eleven thirty a. m. on July 6th and all were well in camp by five p. m. with the exception perhaps of one company. Floors had been provided for the tents and upon arrival of the companies, these, with canvas and straw for bed sacks, were issued by the Quarter-master so the regiment suffered no inconvenience and were well settled by seven p. m.

Informal guard mounting was the only work performed on this day. Regular routine of camp was started at five a. m. July 7th and continued until the morning of July 13th. The instruction was largely in battalions as far as drill was concerned.

Guard detail was by companies and was found to be most satisfactory and great improvement over previous camps, as each company had the advantage of drill at their home station and by reason of this system, the relative proficiency of the different companies was more easily determined.

Close inspection from a sanitary standpoint were made daily by the Commanding Officer and the Surgeons. Company officers and men were carefully instructed in regard to the effect of sanitation on the health of the Command and I am pleased to report that the result was all that could have been expected. There was practically no sickness with exception of one or two cases where trouble was contracted before coming to camp; these cases were well taken care of and the men sent home in as good condition as could be expected.

The new sinks erected by the Adjutant General's Department, after a little experience, were found to be an improvement over the old way, had they been more carefully constructed, but think would only be of value in a permanent camp. Owing to the present condition of the camp ground and the many inconveniences getting to and from same, it would

in my judgment, be better for a year or so, to have the annual encampment at some place within the confines of the regiment that might be decided upon latter.

The selling of privileges, especially for a sutler's quarters, I think very detrimental to the discipline and health of the regiment.

This regiment, having a competent as well as an experienced Chaplain, could in my judgment do away with Y. M. C. A. quarters, as I can see no advantage and possibly some disadvantages. This being a school of instruction in Military duties instead of religion.

I would respectfully recommend that Quarter-Master and Commissary stores for entire tour of camp duty be issued with perhaps the exception of fresh meat and bread. which could be by due bills, and receipts taken therefor as soon as possible after the arrival of the proper officers at camp and that same be returned and receipts taken therefor before such officers leave camp; that ground should be left in same condition as it is found in, wear and tear excepted.

As to inspection of the regiment by the Inspector General's Department at camp, would say that as far as I have been able to observe in previous years, it has in no way interfered with the drill or instruction of this regiment. It is my judgment that the old order of inspection should be resumed; it was certainly a benefit to the regiment in that it kept each company on its mettle to be first in every thing. I do not want to seem to be unfair to my officers by saying the regiment would not be effective without it, but I do think that any inspection helps the officer in his duties. As to time of inspection to show the companies to the best advantage, I would say while at camp, when they will certainly be in best condition. As soon as the companies return to their home stations, after the tour of camp duty, it has been customary to relax a little from the strenuous efforts put forth preparing for camp and companies are largely instructed in target practice only after January 1st, the old routine is resumed in the armories and the companies recruited for spring and summer drills.

The Hospital Corps as now formed is a great improvement over the old way and I wish to thank Major Macrae and his assistants for their splendid work.

A house for shower baths was in course of construction but as it was not completed before the expiration of the tour of duty of the regiment, I can make no report as to its efficiency.

Never in my experience have I known the officers and men to take more interest in their work than at this camp, their soldierly bearing and actions was a source of much satisfaction to the Commanding Officer.

Very respectfully,

W. B. Humphrey,
Colonel 56th Infantry.

LIST OF FLAGS

Carried by Iowa regiments during the War of the Rebellion, deposited in Capitol Building.

Arm of Service.	National.	Banners.	Guidons.
CAVALRY.			
First regiment.....	1		
Second regiment.....	2		4
Third regiment.....	1		2
Fourth regiment.....	1		2
Fifth regiment.....			2
Seventh regiment.....		1	
Eighth regiment.....		1	2
ARTILLERY.			
First battery.....		2	
Second battery.....	2		
Third battery.....		1	
INFANTRY.			
First regiment.....	1		
Second regiment.....	4	2	
Third Regiment.....	2		
Fourth regiment.....	1	2	
Fifth regiment.....	1	2	
Sixth regiment.....	2	1	
Seventh regiment.....	2	1	
Eighth regiment.....	2	2	
Ninth regiment.....	2	2	
Tenth regiment.....	3	2	
Eleventh regiment.....	3	1	
Twelfth regiment.....	2	2	
Thirteenth regiment.....	1		
Fourteenth regiment.....	1	1	
Fifteenth regiment.....	4	3	
Sixteenth regiment.....	2	2	
Seventeenth regiment.....	3	2	
Eighteenth regiment.....	1	2	
Nineteenth regiment.....	1	2	
Twentieth regiment.....	1	2	
Twenty-first regiment.....	1	1	
Twenty-second regiment.....	1	2	
Twenty-third regiment.....	1	1	
Twenty-fourth regiment.....	1		
Twenty-fifth regiment.....	2	3	
Twenty-sixth regiment.....	2	1	
Twenty-seventh regiment.....	1	2	
Twenty-eighth regiment.....	2	2	
Twenty-ninth regiment.....		1	
Thirtieth regiment.....	2		
Thirty-first regiment.....	2	2	
Thirty-second regiment.....	1		
Thirty-third regiment.....	1	1	
Thirty-fourth regiment.....	2	1	
Thirty-fifth regiment.....	3	2	
Thirty-sixth regiment.....		2	
Thirty-eighth regiment.....	1		
Thirty-ninth regiment.....	2	1	
Fortieth regiment.....	1		
Unknown.....		1	
COLORED TROOPS.			
First Infantry (60th U. S. vol. A. D.).....	1		
Total.....	70	59	12

FLAGS CARRIED IN SPANISH-AMERICAN WAR.

Forty-ninth Infantry.....	one banner, one national flag
Fiftieth Infantry.....	one banner, one national flag
Fifty-first Infantry.....	one banner, one national flag
Fifty-second Infantry.....	one banner, one national flag

NUMBER OF PERSONS SUBJECT TO MILITARY DUTY.

Number of Persons Subject to Military Duty, as Reported by County
Auditors, 1904 and 1905.

Counties.	Number.		Counties.	Number.		Counties.	Number.	
	1904.	1905.		1904.	1905.		1904.	1905.
Adair	2,464	2,594	Floyd	2,523	2,907	Monona	2,569	2,604
Adams	1,897	2,077	Franklin	2,413	2,326	Monroe	3,782	4,082
Allamakee	2,758	2,863	Fremont	2,440	2,560	Montgomery	2,556	2,420
Appanoose	4,316	4,219	Greene	2,695	2,716	Muscatine	2,138	2,341
Audubon	1,684	1,921	Grundy	2,208	2,449	O'Brien	2,524	2,696
Benton	3,289	3,485	Guthrie	2,393	2,380	Osceola	1,221	1,352
Black Hawk	4,798	4,575	Hamilton	2,628	3,028	Page	3,791	3,925
Boone	4,450	4,449	Hancock	1,698	2,071	Palo Alto	1,963	1,960
Bremer	2,247	2,431	Hardin	3,125	3,216	Plymouth	3,370	3,496
Buchanan	2,684	2,766	Harrison	3,495	3,574	Pocahontas	2,313	2,361
Buena Vista	2,631	2,634	Henry	2,922	2,899	Polk	14,709	10,662
Butler	2,877	2,934	Howard	2,145	1,995	Pottawattamie	5,575	7,296
Calhoun	2,703	2,447	Humboldt	1,896	1,846	Poweshiek	5,896	2,796
Carroll	2,762	2,870	Ida	1,391	1,054	Ringgold	2,068	2,362
Cass	3,165	3,332	Iowa	2,684	2,777	Sac	2,376	2,781
Cedar	2,880	2,891	Jackson	2,876	3,218	Scott	7,830	8,618
Cerro Gordo	3,583	3,522	Jasper	3,891	5,734	Shelby	2,494	2,750
Cherokee	2,407	1,993	Jefferson	2,340	2,370	Sioux	3,481	3,389
Chickasaw	1,091	2,686	Johnson	3,903	4,068	Story	3,421	3,601
Clarke	1,853	1,941	Jones	2,622	2,965	Tama	3,516	3,517
Clay	1,634	2,015	Keokuk	3,482	3,431	Taylor	2,532	2,740
Clayton	4,235	4,352	Kossuth	3,659	4,009	Union	2,236	2,357
Clinton	5,110	6,106	Lee	3,511	5,291	Van Buren	2,363	2,469
Crawford	3,202	3,667	Linn	5,566	8,432	Wapello	5,990	5,695
Dallas	3,139	3,212	Louisa	1,708	2,008	Warren	2,794	2,931
Davis	2,064	2,192	Lucas	2,118	2,264	Washington	3,171	3,155
Decatur	2,519	2,597	Lyons	2,029	2,056	Wayne	2,549	2,878
Delaware	2,526	2,781	Madison	2,680	2,901	Webster	4,810	4,967
Des Moines	3,085	3,270	Mahaska	4,444	2,311	Winnebago	1,890	1,858
Dickinson	1,132	1,207	Marion	3,362	3,272	Winneshek	2,728	3,666
Dubuque	8,794	8,671	Marshall	3,939	4,038	Woodbury	7,386	10,839
Emmet	1,637	1,578	Mills	2,327	2,278	Worth	1,609	1,698
Fayette	4,610	4,826	Mitchell	2,143	2,263	Wright	2,479	2,988
Total							313,504	329,688

* Number taken from former report; no report filed.

ADJUTANT-GENERAL'S REPORT.

OFFICERS COMMISSIONED AND RE-COMMISSIONED.

OFFICERS COMMISSIONED AND RE-COMMISSIONED FROM NOVEMBER
30, 1903, TO NOVEMBER, 30, 1905.

BRIGADIER-GENERAL.

Name.		Date.
Thrift, William H., Adjutant General.....	.....	February 1, 1905.

COLONELS.

Name.	Infantry.	Date.
Bishop, Frank W.....	54th	March 20, 1904.
Dows, William G.....	53d	March 25, 1905.
Evans, Wm. H., General Insp. S. A. P.....	.....	October 12, 1905.
Humphrey, William B.....	56th	April 20, 1904.
Lincoln, James Rush.....	56th	March 25, 1905.

LIEUTENANT COLONELS.

Name.	Infantry.	Date.
Allen, Hubert A.....	53d	May 8, 1905.
Cooke, Thomas F.....	56th	July 11, 1904.
Knott, Van Buren, Deputy Surgeon General.....	.....	May 25, 1905.
Lambert, Elliott E.....	54th	May 2, 1904.

MAJORS.

Name.	Infantry.	Date.
Chantland, William T.....	56th	May 8, 1904.
Evans, Wm. H., Asst. Genl. Insp. S. A. P.....	.....	July 4, 1905.
Fairchild, David. S. Jr., Surgeon.....	.....	May 8, 1905.
Fisher, Frank R.....	53d	March 26, 1905.
Grant, Charles S., Surgeon.....	.....	May 20, 1904.
Holsteen, Fred. S.....	54th	June 30, 1904.
Howell, Ralph F.....	54th	March 20, 1904.
Hume, John T., Asst. Adj. Genl.....	.....	April 15, 1904.
Jay, D. Arthur, Surgeon.....	.....	May 8, 1905.
Johnson, Elza C.....	53d	June 5, 1905.
Logan, Guy E., Asst. Adj. Genl.....	.....	April 1, 1905.
Lyman, Frank E. Jr., Asst. Insp. Genl.....	.....	June 7, 1904.
Mahoney, Timothy J.....	56th	May 24, 1905.
Mentzer, William C.....	55th	March 26, 1905.
Parker, George M.....	56th	April 20, 1904.
Rowell, Louis J.....	53d	March 26, 1905.

OFFICERS COMMISSIONED AND RE-COMMISSIONED—CONTINUED.

CAPTAINS.

Name.	Company.	Infantry.	Date.
Alkins, Chas. W.	G	55th	Sept. 18, 1905.
Armstrong, Harry C., Inspector S. A. P.			Oct. 7, 1904.
Baker, Claude A.	E	54th	December 19, 1904
Ball, George W.	I	54th	May 9, 1904.
Bartley, Chas. E.	F	53d	June 1, 1905.
Brandt, Amos W.	F	55th	July 17, 1905.
Beck, W. Cornish, Regimental Adjutant		56th	July 14, 1904.
Bell, William	I	55th	May 25, 1905.
Berkebile, Thos. A.	C	53d	November 25, 1904
Brewer, Guy S., Commissary		55th	March 27, 1905.
Brown, Edwin H., Commissary		56th	June 21, 1904.
Brown, Roy C.	C	54th	April 18, 1904.
Bryant, Albert B.	E	54th	January 30, 1905.
Castle, George H.	K	55th	June 26, 1905.
Clifton, George R.	I	54th	January 19, 1904.
Colach, Nicholas, Jr.		53d	February 8, 1905.
Conkling, Wilbur S., Assistant Surgeon			May 8, 1905.
Cotton, Charles W.	B	53d	February 7, 1905.
Dalzell, Thomas C.	L	54th	September 5, 1905
Deering, A. B., Assistant Surgeon			May 8, 1905.
Domback, Charles M., First Signal Co.			April 19, 1904.
Dragoun, Fred	K	53d	October 24, 1905.
Edwards, Harry H.	L	56th	August 9, 1905.
Evans, George A., Quartermaster		53d	July 9, 1905.
Ellwood, Ivan E.	M	55th	April 17, 1904.
Emmert, Max W.	H	55th	July 17, 1905.
Frack, Charles U., Regimental Adjutant		54th	March 26, 1904.
Frailley, Joseph E.	A	54th	May 5, 1905.
Flynn, Willard M.	H	56th	September 12, 1904
Geist, Edwin S., Insp. S. A. P.			October 17, 1904.
Hyatt, Norman P.	C	56th	June 2, 1904.
Jaeggi, Albert M., Regimental Adjutant		53d	April 11, 1905.
Jay, D. Arthur, Assistant Surgeon			May 20, 1904.
Johnson, Ebenezer S., Chaplain		56th	June 21, 1904.
Johnson, Elza C.	M	53d	January 17, 1905.
Johnson, George M.	F	53d	June 12, 1905.
Karns, Howard G.	M	55th	February 27, 1905.
Kern, Harry, Quartermaster		54th	March 29, 1904.
King, Elliott R., Assistant Surgeon			May 8, 1904.
Knapp, Herman	C	55th	November 22, 1905
Lane, Herbert C., Quartermaster		55th	May 14, 1905.
Loring, Frank W.	M	56th	May 23, 1904.
Lucas, Edwin E.	M	54th	August 3, 1905.
Maloney, John J.	D	56th	June 2, 1904.
Martindale, Edward L., Assistant Surgeon			May 8, 1905.
Mason, Oscar H. L., Chaplain		53d	July 9, 1905.
McCord, Robert L., Jr.	M	56th	November 28, 1904
Miller, Clarence J.	D	56th	October 23, 1905.
Morse, W. E. H.	F	56th	February 20, 1905.
Myers, John C.	D	55th	March 14, 1904.
Norton, W. S.	C	54th	November 20, 1905
Parker, Harry S.	M	56th	September 22, 1905
Payne, Rosseel S.	C	55th	June 28, 1904.
Price, Bertram J.	G	56th	June 13, 1904.
Raichle, John G.	H	54th	September 12, 1904
Reinhart, Oscar	L	56th	December 28, 1904.
Rutherford, Richard D.	L	55th	October 28, 1904.
Rutherford, Thomas R.	L	55th	May 31, 1904.
Skemp, Charles P.	A	53d	April 10, 1905.
Schmitt, Louis E.	H	53d	April 7, 1905.
Smith, Will F., Insp. S. A. P.			September 29, 1907
Thriff, William H.	A	53d	September 19, 1904
Thurston, Lloyd.	I	55th	June 15, 1904.
Triplett, H. L.	K	54th	October 24, 1905.
Utey, Harry G.	D	53d	April 25, 1905.
Walburn, Albert A., Chaplain		55th	April 25, 1905.
Weatherwax, Wm. W.	D	53d	June 13, 1904.
Whipple, James E.	G	53d	September 21, 1904
Wilson, Harley B.	I	56th	June 12, 1905.
Worthington, Emory C., Regimental Adjutant		55th	April 25, 1905.

OFFICERS COMMISSIONED AND RE-COMMISSIONED-CONTINUED.

FIRST LIEUTENANTS.

Name.	Company.	Infantry.	Date.
Anderson, Rudolph M.	I	54th	October 30, 1905.
Baker, Alva	L	54th	January 11, 1904.
Bartholomew, C. Edgar	C	55th	June 28, 1904.
Bradbury, John C.	F	54th	October 9, 1905.
Bowen, Albert S.	I	53d	March 8, 1904.
Buddin, George L.	K	55th	April 26, 1905.
Burdick, Frank A.	H	53d	April 7, 1905.
Castle, George M.	E	55th	June 26, 1905.
Champion, Roy B.	I	54th	May 9, 1904.
Clements, Frank H.	L	54th	January 30, 1905.
DeAcres, Clyde H.	G	53d	December 14, 1903.
Edwards, Harry H.	L	56th	January 12, 1905.
Ellwood, Ivan E.	M	55th	January 23, 1905.
Garton, George L., Battalion Adj't		55th	May 22, 1905.
Green, Samuel B.	F	54th	August 29, 1904.
Greene, Samuel A.	L	55th	October 28, 1904.
Helbig, Conrad F.	A	56th	February 13, 1905.
Hessler, Earle C.	M	55th	April 17, 1905.
Hildebrand, John H.	B	53d	December 30, 1904.
Hollowell, Thos. P. Jr.	A	54th	August 28, 1905.
Hood, Frederick W.	H	56th	July 11, 1904.
Horner, Amos, Assistant Surgeon.			May 8, 1905
Hudson, Fred D.	G	55th	September 18, 1905
Jensen, Gene J.	M	53d	June 12, 1905.
Johnson, George M.	M	53d	January 17, 1905.
Johnston, Albert C.	B	56th	March 8, 1904.
Kennedy, Burt E.	H	55th	July 17, 1905.
Krause, Charles S., Assistant Surgeon.			May 8, 1905
Knos, Eric G.	L	56th	September 25, 1905
Liggett, Joseph D., First Signal Co.			December 27, 1904
Loring, Frank W.	M	56th	December 7, 1903.
Luckhardt, George	C	54th	November 6, 1905.
McCord, Robert L. Jr.	M	56th	July 18, 1904.
Middleton, George M., Assistant Surgeon.			May 25, 1904.
Miller, Stanley, Commissary.		54th	December 24, 1903
Neely, Walter J.	K	54th	April 12, 1904.
Norwood, Fred E.	C	54th	June 30, 1904.
Ohlschlager, Wm. F.	I	55th	May 25, 1905.
Osier, Charles F.	F	56th	September 12, 1904
Parker, Harry S.	M	56th	March 16, 1905.
Perrine, Lorie D., Battalion Adjutant		54th	September 29, 1904
Ready, John F.	M	54th	April 11, 1904.
Reichmann, Edw. H.	K	53d	October 24, 1905.
Ringland, Edmund A., Battalion Adjutant.		56th	June 21, 1904.
Rutherford, Richard D.	L	55th	May 31, 1904.
Sargent, Merton E.	I	56th	June 12, 1905.
Starr, Chas. Freeman, Battalion Adjutant		56th	March 24, 1905.
Speck, H. Bert, Battalion Adjutant.		54th	June 4, 1904.
Steck, John H.	D	54th	July 21, 1905.
Smith, Percy P.	C	53d	February 1, 1904.
Smith, Roscoe R.	I	35th	June 15, 1904.
Smith, Sam. K., Battalion Adjutant.		55th	January 4, 1904.
Tillotson, Chas. Jr.	F	55th	November 4, 1905.
Tillotson, Leroy R.	F	55th	November 9, 1904.
Van Order, Paul I., Battalion Adjutant		55th	July 14, 1904.
Vickers, Grant	D	56th	June 2, 1904.
Williamson, Ralph C., Battalion Adjutant.		54th	April 28, 1904.
Woelhaef, Frank G.	H	54th	October 31, 1904.
Young, Jesse O.	D	53d	April 25, 1905.

OFFICERS COMMISSIONED AND RE-COMMISSIONED—CONTINUED.

SECOND LIEUTENANTS.

Name.	Company.	Infantry.	Date.
Agard, Alvin A.....	A	53d	September 19, 1904
Anderson, Rudolph M.....	I	54th	May 9, 1904.
Brady, Roy E.....	D	55th	March 14, 1904.
Blosser, Raymond W.....	F	55th	November 9, 1904.
Clements, Frank H.....	L	54th	January 11, 1904.
Conaway, Jay A.....	K	55th	April 26, 1905.
Culp, Samuel B.....	M	56th	March 30, 1905.
Cummings, Charles O.....	M	54th	April 25, 1904.
DeFratis, Eugene W.....	M	53d	June 12, 1905.
Flaherty, John J.....	G	56th	March 16, 1905.
Fleur, Edward O.....	F	55th	March 24, 1905.
Freberg, Gustave G. T.....	A	55th	October 24, 1904.
Fisher, Fred L.....	B	53d	December 30, 1904.
Greene, Samuel A.....	L	55th	May 31, 1904.
Harrington, Thomas E.....	H	56th	August 8, 1904.
Haynes, Fritz.....	E	54th	December 19, 1904.
Heaton, Everett F.....	I	55th	May 25, 1905.
Hessler, Earle O.....	M	55th	January 23, 1905.
Hollowell, Thos. P. Jr.....	A	54th	May 5, 1905.
Mutchins, Lawrence C.....	F	56th	February 20, 1905.
Johnson, Herman C.....	I	53d	August 9, 1905.
Jones, Edward M.....	K	54th	December 30, 1904.
Kelliham, Jesse S.....	D	56th	June 2, 1904.
Knos, Eric G.....	L	56th	December 28, 1904.
Lawson, George L.....	I	56th	June 12, 1905.
Lewis, Jesse G.....	D	53d	April 25, 1905.
Logan, G. Ray.....	M	55th	April 17, 1905.
Luckhardt, George.....	C	54th	June 6, 1904.
Lund, Frank J.....	C	56th	January 4, 1904.
McConaughy, C. H., First Signal Co.....			June 28, 1904.
McCord, Robt. L. Jr.....	M	56th	December 7, 1903.
Noll, Ashley J.....	K	54th	January 19, 1904.
O'Connell, John F.....	H	55th	July 17, 1905.
Othmer, Ralph.....	C	54th	November 6, 1905.
Parker, H. S.....	M	56th	December 26, 1904.
Prichett, John L.....	A	54th	August 28, 1905.
Richmond, Wm. F.....	L	55th	October 28, 1904.
Swaney, Levi F.....	H	53d	April 7, 1905.
Schrivver, Harry E.....	E	55th	June 26, 1905.
Smith, William.....	L	54th	January 30, 1905.
Spinden, Grant M.....	I	54th	October 30, 1905.
Scott, Holland M.....	G	53d	December 14, 1903.
Stough, Fred G.....	B	56th	March 8, 1904.
Taylor, Frederick J.....	L	56th	November 8, 1905.
Temple, Ernest C.....	I	55th	June 15, 1904.
Underwood, Francis A.....	C	55th	June 28, 1904.
Walker, George M.....	D	56th	April 11, 1904.
Wallace, Pollok J.....	E	54th	January 11, 1904.
Whan, George E.....	B	55th	July 20, 1905.
Wilkinson, Phil R.....	G	55th	September 18, 1905
Woellhaf, Henry A.....	H	54th	October 31, 1904.
Wunderlich, Charles H.....	A	53d	April 10, 1905.

ADJUTANT-GENERAL'S REPORT.

LOST FROM THE SERVICE BY EXPIRATION OF COMMISSION AND RESIGNATION.

NOVEMBER 30, 1903 TO NOVEMBER 30, 1904.

BRIGADIER-GENERALS.

Name.			Date.
Byers, Melvin H., Adjutant General .....	.....	.....	February 1, 1905.

COLONELS.

Name.	Company.	Infantry.	Date.
Caughlan, Harry H.	54th	March 20, 1904.
Dows, William G.	53d	March 26, 1905.
Humphrey, William B.	56th	April 30, 1904.
Lincoln, James Rush	55th	March 26, 1905.
Morse, W. E. H., General Inspector S. A. P.	March 14, 1904.

LIEUTENANT COLONELS.

Clapp, Samuel E. ....	.....	53d	May 10, 1905.
Parker, Sanford J. ....	.....	56th	April 20, 1904.
Schooler, Lewis, Deputy Surgeon General. ....	.....	.....	May 23, 1905.

MAJORS.

Clarke, J. Fred, Surgeon .....	.....	.....	April 12, 1905.
Dunlap, John A. ....	.....	54th	March 20, 1904.
Evans, Wm. H., Assistant General Inspector, S. A. P. ....	.....	.....	October 12, 1905.
Fairchild, David S. Jr., Surgeon .....	.....	.....	April 11, 1905.
Fisher, Frank R. ....	.....	53d	March 26, 1905.
Grant, Charles S., Surgeon .....	.....	.....	May 20, 1904.
Hile, Otto .....	.....	56th	April 20, 1904.
Hume John T., Assistant Inspector General .....	.....	.....	April 15, 1904.
Hume, John T. Assistant Adjutant General .....	.....	.....	April 1, 1905.
Lee, Jesse W. ....	.....	56th	May 8, 1904.
Mentzer, William C. ....	.....	55th	March 26, 1905.
Odle, David M. ....	.....	56th	May 10, 1905.
Rowell, Louis J. ....	.....	53d	March 26, 1905.

CAPTAINS.

Bartley, John E.	F	53d	May 2, 1905.
Brown, Edwin H., Commissary .....	.....	56th	June 21, 1904.
Brown, Roy C.	C	54th	September 20, 1905
Bryant, A. B.	L	54th	August 30, 1905.
Butterfield, Louis K.	D	55th	December 10, 1903.
Byers, Rosco E., Commissary .....	.....	55th	March 27, 1905.
Castle, George H.	E	55th	June 12, 1905.
Chantland, William T.	G	56th	May 25, 1904.
Clark, W. H., Regimental Adjutant .....	.....	56th	July 14, 1904.
Clifton, George R.	K	54th	October 13, 1905...
Cole, O. L.	I	53d	November 4, 1904.
Colsch, Nicholas, Jr. ....	.....	53d	February 8, 1905.
Conkling, Wilbur S., Assistant Surgeon. ....	.....	.....	April 11, 1905.
Cooke, Thomas F., Inspector S. A. P. ....	.....	.....	July 11, 1904.
Cotton, Charles W.	B	53d	February 6, 1905.
Crossley, Jas. J.	G	55th	August 5, 1904.
Cushing, John G., Inspector S. A. P. ....	.....	.....	April 12, 1904.

ADJUTANT-GENERAL'S REPORT.

93

LOST FROM THE SERVICE—CONTINUED.

CAPTAINS—Continued.

Name.	Company.	Infantry.	Date.
Dalzell, Thomas C.	L	54th	January 3, 1905.
Domback, Charles M, First Signal Company.			November 14, 1905
Dull, Harry B.	C	55th	April 30, 1904.
Ebert, Milford O.	K	53d	February 25, 1905.
Emery, Daniel A., Regimental Adjutant.		54th	March 31, 1904.
Emmert, Max W.	H	55th	September 10, 1905
Evans, George A., Quartermaster.		53d	July 9, 1905.
Fee, Thomas G.	E	54th	September 30, 1904
Gilbride, W. H.	F	56th	December 24, 1904
Gooch, Harry A.		56th	August 15, 1904.
Hasselquist, L. A.	D	55th	June 13, 1905.
Haven, Willis E.	D	53d	April 20, 1904.
Hyatt, Norman P.	C	56th	June 1, 1904.
Ingram, F. C.	A	54th	January 20, 1905.
Jaeggi, Albert M., Regimental Adjutant		53d	April 5, 1905.
Johnson, Elza C.	M	56th	January 16, 1905.
Johnson, Ebenezer S, Chaplain.		56th	June 21, 1904.
Karns, Howard G.	F	55th	December 31, 1904
Karns, Herbert C, Quartermaster		55th	June 20, 1905.
Lane, Guy E.	M	55th	May 14, 1905.
Loring, Frank W.	M	55th	April 1, 1905.
Lucas, Edwin E.	M	56th	October 25, 1904.
Maloney, John J.	D	54th	August 2, 1905.
Martindale, Edward L, Assistant Surgeon.		56th	October 6, 1905.
Mason, O. H. L., Chaplain		53d	April 12, 1905.
McCord, R. L. Jr.	D	53d	July 9, 1905.
McCrillis, Gorham, T.	M	56th	July 24, 1905.
Miller, Stanley, Commissary.		56th	April 30, 1904.
Nichols, Henry D.		54th	December 24, 1903.
Opdycke, Millard L.	L	56th	November 30, 1904
Payne, Rosseel S.	H	53d	April 14, 1905.
Reinhart, Oscar	C	55th	October 14, 1905.
Rutherford, Thomas R.	L	56th	October 20, 1904.
Stewart, Charles J., Commissary.		53d	July 13, 1905.
Smith, W. F. Inspector S. A. P.		55th	October 20, 1904.
Thrift, William H.	A	53d	June 15, 1905.
Thrift, William H.	A	53d	September 29, 1904
Thurston, Lloyd	L	53d	September 19, 1904
Van Order, Paul I.	I	55th	February 1, 1905.
Walburn, Albert A., Chaplain.		55th	May 23, 1905.
Weatherwax, Wm. W.		55th	April 20, 1904.
Whipple, James E.	D	55th	April 25, 1905.
Williams, F. C.	G	53d	November 30, 1904
Worthington, Emory C., Regimental Adjutant	I	55th	September 21, 1904
		55th	March 31, 1904.
		55th	April 25, 1905.

FIRST LIEUTENANTS.

Name.	Company.	Infantry.	Date.
Agard, Alvin A.	A	53d	April 10, 1905.
Anderson, John Q., Battalion Adjutant		55th	July 22, 1904.
Baker, Alva	L	54th	January 18, 1905.
Bowen, Isaac N, Battalion Adjutant.		54th	March 5, 1904.

ADJUTANT-GENERAL'S REPORT.

LOST FROM THE SERVICE-CONTINUED.

FIRST LIEUTENANTS-CONTINUED.

Name.	Company.	Infantry.	Date.
Buddin, Geo. L	K	55th	November 22, 1905
Champion, Roy B.	I	54th	October 6, 1905.
Claypoole, Charles T.	H	56th	June 4, 1904.
Deering, A. B., Assistant Surgeon			April 26, 1905.
Douglas, Alexander W.	I	53d	February 9, 1904.
Driver, Fred J.	E	55th	May 24, 1904.
Garton, George L., Battalion Adjutant.		55th	May 15, 1905.
Geist, Edwin S.	B	53d	October 17, 1904.
Green, Sam B.	F	54th	July 24, 1905.
Hancock, J. C., Assistant Surgeon			May 4, 1905.
Hawkins, Owen C.	M	55th	December 20, 1904
Haynes, Glenn C., Battalion Adjutant ...		54th	June 28, 1904.
Helbig, Conrad F.	A	56th	January 3, 1905.
Hollingsworth, Livingston	D	54th	June 12, 1905.
Hoxie, H. O.	K	55th	March 10, 1905.
Jay, D. Arthur, Assistant Surgeon			May 20, 1904.
Johnson, George M.	M	53d	January 16, 1905.
King, Elliott R., Assistant Surgeon			May 20, 1904.
Logan, Frank D.	C	55th	April 30, 1904.
McNeal, Arthur H.	F	55th	October 29, 1904.
Mitchell, George H.	D	53d	March 18, 1905.
Murphy, Patrick H.	H	53d	April 14, 1904.
Myers, John P.	D	56th	April 30, 1904.
Neely, Walter J.	K	54th	October 13, 1905.
Norwood, Fred E.	C	54th	September 11, 1905
Pabst, Marcus D.	A	54th	April 15, 1905.
Peddle, A. F., Battalion Adjutant		56th	February 24, 1905.
Ringland, E. A., Battalion Adjutant		56th	June 21, 1904.
Smith, Percy P.	C	53d	November 24, 1905
Smith, Roscoe R.	I	55th	May 23, 1905.
Smith, Sam K., Battalion Adjutant		54th	October 5, 1904.
Stover, Bruce H., Assistant Surgeon			May 20, 1904.
Tillotson, Leroy R.	F	55th	July 30, 1905.

SECOND LIEUTENANTS.

Blosser, Raymond W.	F	55th	February 15, 1905
Chavannes, Francis E.	A	55th	October 13, 1904.
Clock, Ralph H.	D	56th	April 30, 1904.
Colsch, John.	I	53d	June 27, 1905.
Flaherty, John J.	G	56th	November 24, 1905
Hanks, John H.	C	55th	April 30, 1904.
Haynes, Fritz.	E	54th	August 31, 1905.
Husting, Victor A.	H	53d	April 14, 1905.
Hutchins, Lawrence C.	F	56th	October 30, 1905.
Jones, Edward M.	K	54th	October 13, 1905.
Kelly, Wm. A.	B	55th	December 13, 1904
Leinen, Leo. M.	L	55th	May 2, 1905.
Long, Edward S., First Signal Co.			December 3, 1903.
McConaughy, C. H., First Signal Co.			December 14, 1904.
Noll, Ashley J.	K	54th	October 31, 1904.
Peterson, John.	F	56th	January 9, 1905.
Schill, Otto F.	A	53d	September 18, 1904
Smith, Charles A.	E	56th	January 15, 1904.
Sutton, Jesse B.	W	55th	June 16, 1905.
Temple, Ernest C.	I	55th	May 23, 1905.

95

FIFTY-THIRD INFANTRY.					FIFTY-FOURTH INFANTRY.				
Companies.	By enlistment.	By re-enlistment.	By transfer.	Total.	Companies.	By enlistment.	By re-enlistment.	By transfer.	Total.
Band	34	.....	1	35	Band	28	11	.....	39
A.....	37	.....	.....	37	A.....	91	3	.....	94
B.....	53	23	.....	76	B.....	42	6	.....	48
C.....	54	14	1	68	C.....	47	15	.....	62
D.....	68	8	.....	76	D.....	26	5	.....	31
E.....	46	8	.....	54	E.....	35	22	.....	57
F.....	33	10	.....	43	F.....	42	14	.....	56
G.....	46	10	.....	56	G.....	47	2	.....	49
H.....	34	.....	.....	34	H.....	44	9	.....	53
I.....	34	7	.....	41	I.....	47	17	.....	64
J.....	34	4	.....	38	J.....	48	16	2	66
K.....	41	5	.....	46	K.....	60	6	.....	66
L.....	40	5	.....	45	L.....	35	12	1	48
N. C. S.	.....	1	1	2	N. C. S.	.....	.....	11	11
Hosp. Corps	10	2	.....	12	Hosp. Corps	11	.....	.....	11
Total ..	610	102	7	719	Total	603	138	19	760

[illegible]

ADJUTANT-GENERAL'S REPORT.

Table showing loss of enlisted men during period from November 30, 1903,
to November 30, 1905.

FIFTY-THIRD INFANTRY.

Company	Expiration of term of enlistment.	Removal from company station.	Business engagements.	Removal from state.	Must out of company.	Transfer.	Willful absence from company drill.	Enlistment in U. S. army.	Physically unfit for military duty.	Non-attendance at drill.	By death.	Refusal to perform military duty.	Absence from inspection.	Disobedience of orders.	School duties preventing attendance at drill.	Good of the service.	Per special orders issued Apr. 18, 1901.	Over age.	Total.
Band.....	..	4	2	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	26
A.....	23	9	9	3	..	..	1	..	..	..	..	..	..	..	..	..	..	..	56
B.....	23	13	15	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	58
C.....	10	7	24	18	..	..	1	..	..	..	..	..	..	3	..	..	..	..	63
D.....	6	5	8	3	45	..	..	..	..	..	..	..	..	..	..	..	..	..	67
E.....	19	5	6	17	..	..	2	2	1	..	..	..	..	..	..	..	..	..	51
F.....	21	4	1	4	..	..	..	..	..	3	..	..	..	..	..	..	..	..	33
G.....	13	16	10	5	..	..	3	3	..	..	..	..	..	..	..	..	..	..	50
H.....	13	13	6	1	48	..	..	..	1	..	..	..	..	..	..	2	..	1	72
I.....	13	6	2	5	..	1	..	..	..	..	..	..	..	..	..	..	..	..	27
K.....	13	10	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28
L.....	7	30	9	1	..	4	..	..	..	..	..	..	..	..	1	..	..	..	52
M.....	10	21	4	10	..	..	..	..	1	..	2	..	..	..	..	..	..	..	48
N. C. S.....	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
Hosp. Corps....	8	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
Total..	190	143	103	74	113	8	4	5	2	4	2	..	3	1	3	..	1	..	646

FIFTY-FOURTH INFANTRY.

Band.	12	8	7	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	31
A.....	22	3	4	14	36	..	..	1	..	..	..	..	..	..	..	..	..	..	80
B.....	11	12	9	..	..	1	..	..	..	..	..	..	2	..	..	..	..	..	35
C.....	25	6	24	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	57
D.....	15	6	4	9	..	..	1	..	..	..	..	..	..	..	..	..	..	..	35
E.....	32	2	6	11	..	..	2	..	1	..	..	..	..	..	..	..	..	..	54
F.....	19	15	7	10	..	1	1	..	1	..	..	..	..	..	..	..	..	..	54
G.....	12	9	18	4	..	1	3	..	..	..	1	..	..	..	..	..	..	..	48
H.....	16	11	16	7	..	2	1	..	..	..	..	..	..	..	..	..	..	..	53
I.....	19	15	13	9	..	1	1	..	2	..	..	..	..	..	..	..	..	..	61
K.....	29	18	1	1	..	1	1	..	..	..	1	..	..	..	3	..	..	..	55
L.....	7	19	9	9	..	1	..	1	1	1	..	..	..	..	..	..	..	..	48
M.....	18	4	5	13	..	..	..	4	..	..	..	..	..	..	..	..	..	..	41
N. C. S.....	5	3	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11
Hosp. Corps....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Total..	243	131	125	93	36	9	10	7	1	4	..	2	..	3	..	..	..	..	664

TABLE SHOWING LOSS OF ENLISTED MEN—CONTINUED.

FIFTY-FIFTH INFANTRY.

Company	Expiration of term of enlistment.	Removal from company station.	Business engagements.	Removal from state.	Muster out of company.	Transfer.	Wifely absence from company.	Enlistment in U.S. army.	Physically unfit for military duty.	Non-attendance at drill.	By death.	Refusal to perform military duty.	Absence from inspection.	Disobedience of orders.	School duties preventing attendance at drill.	Good of the service.	Per special orders issued Apr. 18, 1904.	Over age.	Total.
Band..	8	5	1																14
A	13	8	21	4					1										47
B	9	6	6	9		2													32
C	2	26	9	13	23	1	5		1										80
D	19	15				1	4	1											53
E	9	7		9					1			5							31
F		8	8	6		3				4									31
G	27	4		12		1	1												45
H	21	5	2	4	50		4												86
I		16	10	15	38				2	1	1								85
J	23	12	4	8			1												47
K	17	1	18	18															54
L	17	6	7	1															31
M																			
N. C. S.	2					1													3
Hosp. Corps...	5			1		1													7
Total.	171	119	86	113	110	11	15	1	5	5	1	5				4			646

FIFTY-SIXTH INFANTRY.

Band		12	2																	16
A	10	11	12	10				2												47
B		11	10																	21
C	18	18	5	5				4	1											51
D	6	4		5	43		1													59
E	18	16	1	1		1														38
F	31	16	1	10									1							48
G	29	19	9	8		1		1												67
H	24	3	10	9			1													47
I	22	9	5	3																39
J	16	16				1														33
K	12	3	12	19		2														48
L	27	6	3	2				1	1											40
M						1														7
N. C. S.	6																			
Hosp. Corps	5		3	2																10
Total.	224	124	73	74	43	6	2	8	2				1			1	1	1	2	571

First Signal Co	15	12	7	3			1	1								1				40
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Grand total 2,567

Enlisted men gained by	
Enlistment	2377
Re-enlistment	478
Transfer	49
Total gain of enlisted men	2904
Enlisted men lost by	
Expiration of enlistment	633
Removal from company station	539
On account of business engagements	394
Removal from state	357
Muster out of company	302
Transfer	34
Willful absence from company drills	32
Physically unfit for military duty	16
Enlistment in U. S. Army	15
Good of the service	11
Non-attendance at drill	10
Death	7
Refusal to perform military duty	5
Absence from inspection	3
Disobedience of orders	3
School duties	3
Per S. O. Apr. 18, 1904	2
Over age	1
Total loss of enlisted men	2567

	Governor's staff.	Gen'l. staff and staff dept's.	1st. Signal Co.	53d Infantry.	54th Infantry.	55th Infantry.	56th Infantry.	Total.
Officers gained	4	15	3	32	42	44	36	178
Officers lost	4	15	3	28	24	36	29	139
Enlisted men gained .....	..	..	46	719	780	711	668	2904
Enlisted men lost .....	..	..	40	646	684	646	571	2567
Strength of Guard Nov. 15, 1905	18	19	46	658	663	675	689	2768

FIFTH BIENNIAL REPORT

OF THE

ATTORNEY-GENERAL

OF THE

STATE OF IOWA

CHAS. W. MULLAN
ATTORNEY-GENERAL

TRANSMITTED TO THE GOVERNOR, JANUARY, 1906

Printed by Order of the General Assembly

DES MOINES:
E. MURPHY, STATE PRINTER
1906

FIFTH BIENNIAL REPORT OF THE ATTORNEY-GENERAL OF IOWA.

STATE OF IOWA,
ATTORNEY-GENERAL'S OFFICE,
DES MOINES.

TO THE HONORABLE ALBERT B. CUMMINS,
Governor of Iowa:

In compliance with law, I hereby submit to you a report of the business transacted in this office during the years 1904 and 1905.

Schedule A is a complete list of all appeals in criminal cases submitted to the supreme court during the years 1904 and 1905, and also of all rehearings asked in criminal cases during that period, and the schedule shows the final disposition of the cases.

Schedule B is a list of all criminal cases pending on the first day of January, 1906.

Schedule C is a list of civil cases which were pending in the state and federal courts at the time of my last report and have since that time been disposed of.

Schedule D is a list of civil cases which have been commenced and disposed of in the state courts since my last report.

Schedule E is a list of civil cases which are now pending in the state and federal courts in which the state is a party.

Schedule F is the official written opinions given by me during the years 1904 and 1905.

Schedule G contains a few of the many letters which were written in response to inquiries from county officers and others as to the construction and interpretation of statutes and as to the law in cases which have arisen in the state. These letters are not official in their character and frequently contain a simple suggestion instead of an opinion. They relate to matters of public interest as to which uniform action throughout the state is desirable, and it is therefore thought advisable to include such letters in this report.

APPEALS IN CRIMINAL CASES.

There has been a slight increase in the number of appeals in criminal cases during the last biennial period.

At the September term, 1905, there were seventy appeals in criminal cases upon the docket of the supreme court. Of this number eleven were in cases where the defendants had been indicted for the crime of murder.

Among the important criminal cases tried during the last biennial period are the *State of Iowa vs. American Express Company* and *State of Iowa vs. Adams Express Company*.

The question involved in these cases was the right of the state to prohibit the shipment into the state and the sale of intoxicating liquors to persons residing therein through the medium of express companies. In each of these cases an order was given to a liquor house in a foreign state for certain intoxicating liquors. The liquors so ordered were shipped by express C. O. D. to the consignee, and by the express company carried to the place of destination and delivered to the consignee upon payment by him to the express company of the purchase price thereof and the express charges thereon. The express companies so delivering such intoxicating liquors were indicted by the grand jury of the counties where the delivery was made, for selling intoxicating liquors in violation of law. They were tried upon such indictment.

and, under the instructions given by the judge of the district court, were convicted and a fine was imposed for the violation of the Iowa statute. From the judgment of the district court the companies appealed to the supreme court, and the judgment of the court below was affirmed. The cases were then taken to the supreme court of the United States upon a writ of error, and that court held that the sale of the intoxicating liquors was made in the foreign state where the same were delivered to the common carrier, and therefore came within the interstate commerce clause of the federal constitution. That the fact that such liquors were shipped C. O. D. was not sufficient to change the rule that a delivery of goods to a common carrier is a delivery to the consignee.

The principle decided by the supreme court of the United States is an important one, as it permits a traffic in intoxicating liquors by liquor dealers in other states which is contrary to the spirit of the laws of Iowa. Numerous dealers in other states have agents in this state soliciting orders for intoxicating liquors to be shipped by express C. O. D. The unfortunate result of the decision is that minors and persons addicted to the immoderate use of intoxicating liquors, who are unable to purchase from dealers operating saloons under the mullet law, are able to obtain such liquors through the medium of express companies transacting business in Iowa.

During the biennial period there have been thirty-four appeals in cases in which the defendants were convicted of the crime of murder. This number is substantially the same as the number of appeals in murder cases during the preceding biennial period.

CIVIL CASES.

Among the important civil cases which have been determined since the last report is the case of *Greenwich Insurance Company et al vs. Carroll*.

This was an action brought by a number of foreign fire insurance companies, transacting business in the state of Iowa, against Carroll as Auditor of State, for the purpose of having the provisions of section 1754 of the code declared to be unconstitutional and invalid. The action was brought in the United States Circuit Court, for the Southern District of Iowa, and the judge of that court held the statute to be unconstitutional and issued an injunction restraining the Auditor from enforcing its provisions in the manner provided by section 1755 of the Iowa code. From the judgment and order of the circuit court the state appealed to the supreme court of the United States, and that court reversed the judgment and order of the circuit court and held the statute to be constitutional and that it was within the power of the state legislature to regulate the business of fire insurance in the manner therein provided, and to prohibit agreements between insurance companies which might affect the cost of insurance.

In this connection I desire to express my appreciation of the services of the Hon. Charles A. Clarke, who was associated with me in the argument of the case.

LAKE BEDS.

The question of the title of the state to the lake beds is still in a somewhat unsettled condition, although the act of the thirtieth general assembly by which the legislature assumed the title of such lake beds to be in the state, and directed the manner in which they may be disposed of, is an important step in settlement of the question of the ownership of such lake beds. I think it must be held, whenever the question comes before the courts, that the state, by virtue of its sovereignty, is the absolute owner of all the lake beds in the state which were excluded from the government survey.

The act of the legislature referred to has I think, been very satisfactory in its operation.

LANDS OF ABANDONED RIVER CHANNELS.

The thirtieth general assembly passed an act by which the title to all of the lands within abandoned river channels in the state, and all bars or islands in the channels of navigable streams not before surveyed or platted by the United States or by the state of Iowa, was assumed to be in the state, and provided that such lands should be surveyed and sold in the manner set forth in the act.

Under this act a considerable amount of land within the abandoned channels of the Missouri river has been surveyed, appraised and sold by the state. The act also caused numerous actions to be commenced against the Secretary of State to restrain him from surveying and offering for sale other tracts of land which fall within the provisions of the statute. The most valuable and important tract, as to which the title is now in dispute, is a tract of about one thousand acres lying within the corporate limits of the city of Omaha. A large portion of this tract is claimed by the East Omaha Land Company, and smaller portions by other claimants. The land is very valuable because of its proximity to the city of Omaha.

Seven separate actions have been brought by claimants of this tract of land in the federal court against the secretary of state and are now pending therein.

The title to the land, as asserted by the state, is based upon the claim that almost all of the one thousand acres is an accretion to an island which existed in the Missouri river at the time of the original survey of the lands in Pottawattamie county. That about 1877 the channel of the Missouri river was suddenly changed by an evulsion, and the lands in question by reason of such evulsion and change of the channel of the river, became dry and arable lands.

It is claimed by the complainants that the lands in question are accretions to lands which were surveyed and

sold by the United States government and which abutted upon the Missouri river prior to the evulsion referred to.

The question of the ownership and title of the lands, therefore, must be determined by evidence as to the condition of the Missouri river at the point where these lands lie prior to the time of the evulsion. In order to obtain such evidence, it will be necessary for some one to find witnesses now living who knew the condition of the river, where its main channel existed prior to the evulsion, and the fact that the lands in question were an accretion to an island which existed in the bed of the river many years prior to the change of its channel. To do this will require a large amount of time and some expense. It is impossible for the attorney general or his assistant to take the time from the other business of the office which will be required to obtain the evidence necessary to the establishment of the title of the state to the lands in question. Special local counsel should, therefore, be employed by the state, who is familiar with the present conditions of the river and land in question, and who will be able, because of his local knowledge, to obtain the names and places of residence of witnesses who knew the condition of the river and land prior to the change of its channel.

If the state desires its title to the land in question defended, and to receive the benefit of the value thereof, it must employ local counsel for the purposes suggested, as its rights cannot in any other manner be fully protected.

A similar condition exists as to land in an abandoned channel of the Missouri river in the corporate limits of the city of Sioux City, which is estimated to be of the value of about \$25,000. It is also necessary that local counsel be employed there to find the witnesses and obtain the testimony of the condition of the river and land prior to the time the old channel of the river was abandoned.

I suggest that the condition of these lands along the Missouri river, and of the state's title thereto, and the necessity of the employment of local counsel to protect

the interest of the state, be called to the attention of the legislature, that suitable appropriation may be made to pay such special counsel.

CORPORATIONS.

In my last report I suggested that a law should be enacted by the general assembly requiring that all articles of incorporation should be approved by the attorney general before the same are filed with the secretary of state and a permit issued thereon authorizing the corporation to transact business.

I am more firmly than ever convinced of the necessity of such a law. The acceptance of articles of incorporation and the issuance of a permit by the secretary of state constitute a contract between the state and the corporation, and no such contract should be entered into or agreed upon on the part of the state until its terms have had the approval of its legal department.

There are now many corporations transacting business in the state under articles which the promoters should never have been permitted to file with the secretary of state, and which certainly would never have had the approval of the attorney general.

The importance of corporations and the fact that a large portion of all of the business in the state is transacted by them, make it essential that all articles of incorporation offered for record should be carefully examined by the attorney general before a contract is entered into between the corporation and the state, and that all corporations should be strictly confined to the class of business which they are organized to carry on.

MONEYS RECEIVED.

I have received and paid over to the state treasurer during the last biennial period \$2,449.49; \$2,447.39 of which came from the collection of a judgment in favor of

the state and against the estate of John Thornton, an insane patient who came from Missouri to Iowa. The balance of the sum received by me consists of small items of costs advanced in cases in which the state was a party, which have been refunded.

NEEDS OF THE OFFICE.

The office is now fairly well equipped with law books and furniture, but the two rooms in which the attorney general, his assistant, and two stenographers are required to transact the business of the office, are wholly inadequate to its necessities. It is certainly a very unwise and unfortunate policy which permits societies which have no connection whatever with the administrative affairs of the state, to occupy commodious suites of rooms in the State House to the exclusion of a department through which so large a portion of the administrative business and affairs of the state must pass.

In my last report I urged the necessity of rooms adequate for the transaction of the business of this office, and have in other ways called the attention of members of the legislature to such necessity, but as yet no steps have been taken, either by the legislature or the executive council, to assign to the attorney general rooms adequate for the transaction of the business of the office.

The question is no longer a personal one with me, as my term of office will expire in a few months, but the necessity is so urgent that I cannot refrain from again calling your attention to it, and expressing the hope that something will be done at an early day toward the furnishing of suitable and adequate rooms for the transaction of the business of this office.

In conclusion I desire to express my appreciation of the courtesy extended to me by you and the other officers of the state, and to say that our relations have been of the most pleasant character during my terms of office.

I also desire to acknowledge the valuable and faithful services of my assistant, Mr. Lawrence DeGraff, and

those of Mrs. Hunt and Miss Gilpin. Their work is deserving of high commendation, and whatever credit the work of this office is entitled to is largely due to the efficient manner in which they have discharged their duties.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

SCHEDULE "A."

The following is a list of criminal cases submitted to the Supreme Court, and also rehearings asked during the years 1904 and 1905 and the final disposition of the cases:

Title of Case.	County.	Decisions.	Offense.
State v. Atkins, Bert, et al, appellants.....	Polk.....	Affirmed January 14, 1904.	Assault with intent to commit robbery.
State v. Anderson, Walter, appellant.....	Wapello.	Affirmed October 27, 1904	Rape.
State v. Armour Packing Co., appellant...	Polk.....	Affirmed June 10, 1904.... (Petition for rehearing overruled October 27, 1904.)	Selling imitation butter.
State v. Ashpole, Cy, appellant.....	Winneshago....	Reversed July 11, 1905...	Larceny.
State v. Andrews, Chas., appellant.....	Polk.....	Affirmed November 14, 1905	Rape.
State v. Anderson, Edward, appellant.....	Woodbury....	Dismissed September 26, 1905.....	Receiving a bribe.
State v. Alexander, W. E., appellant.....	Polk.....	Affirmed October 23, 1905	Murder.
State v. Arthur, James, appellant.....	Pottawattamie	Reversed December 16, 1905	Breaking and entering.
State v. Barr, Wm., appellant.....	Delaware.....	Reversed February 17, 1904	False pretenses.
State v. Bebb, Thomas, appellant (rehearing)	Muscatine....	Reversed October 27, 1904	Rape.
State v. Birkby, John, appellant.....	Fremont.....	Reversed January 13, 1904	Larceny.
State v. Burns, James, appellant.....	Polk.....	Affirmed May 12, 1904....	Murder.
State v. Brown, Henry, appellant.....	Warren.....	Affirmed May 11, 1904....	Seduction.
State v. Busse, Louis appellant.....	Bremer.....	Affirmed July 13, 1904.... (Petition for rehearing overruled July 14, 1905)	Murder.
State v. Baird, Frank, appellant.....	Marion.....	Affirmed May 8, 1905.....	Burglary.
State v. Blatsky, Robert, appellant.....	Polk.....	Affirmed October 22, 1904	Using false weights and measures.
State v. Brothers, Wm., appellee.....	Polk.....	Affirmed November 3, 1904	Assault with intent to inflict great bodily injury.
State v. Bullard, W. B. C., appellant.....	Clay.....	Reversed April 4, 1905....	False pretenses.

State v. Bird, C. E., appellant.....	Pottawattamie	Affirmed November 21, 1904	Robbery.
State v. Brunten, Robert G., appellant....	Boone	Affirmed February 14, 1905	Liquor nuisance.
State v. Brown, Stewart C., appellant.....	Iowa	Affirmed March 7, 1905.... (Petition for rehearing over- ruled October 23, 1905)	Perjury.
State v. Bodgny, Joseph, appellant.....	Monroe	Affirmed September 22, 1905.....	Murder.
State v. Bartlett, George et al, appellants..	Monroe	Reversed October 17, 1905	Larceny.
State v. Brower, Fred, appellant	Johnson	Affirmed July 11, 1905....	Breaking and entering.
State v. Beuche, Chas., appellant.....	Polk	Affirmed May 16, 1905....	Keeping house of ill fame.
State v. Bennett, Myron, appellant.....	B one	Reversed November 14, 1905	Assault with intent to commit murder.
State v. Bartlett, Vincent, appellant.....	Winnebiek	Affirmed July 11, 1905....	Incest.
State v. Burke, Peter D., appellant.....	Pottawattamie	Affirmed June 12, 1905....	Assault with intent to commit murder.
State v. Barkley, W. H., appellant.....	Sac	Reversed December 16, 1905	Rape.
State v. Blydenburgh, E. S., appellant.....	Hardin	Affirmed October 25, 1905	Murder.
State v. Carpenter, Chas., appellant	Mahaska	Affirmed March 8, 1904. (Petition for rehearing overruled September 28, 1904.)	Rape.
State v. Clemenson, Wm., appellant	Hancock	Reversed April 11, 1904.	Conspiracy.
State v. Cobb, Major, and Certain Intoxi- cating Liquors, appellants.....	Monroe.....	Reversed April 12, 1905.	Liquor nuisance.
State v. Crowell, Albert, et al, appellants..	Lee	Affirmed February 9, 1904	Larceny.
State v. Carmean, N. A., appellant.....	Marshall	Reversed January 10, 1905	Embezzlement.
State v. Copley, Wm., appellant.....	Monroe.....	Affirmed April 5, 1905 (Petition for rehearing overruled November 21, 1905.)	Murder.
State v. Conroy, Michael, appellant.....	Scott.....	Reversed February 8, 1905	Burglary.
State v. Colvin, John, et al, appellees	Dallas.....	Reversed June 14, 1905.	Nuisance.
State v. Cummings, Mike, appellant	Cherokee.....	Affirmed October 17, 1905.	Assault with intent to inflict great bodily injury.
State v. Grill, Chas., appellant.....	Mahaska	Affirmed September 22, '05	Keeping a gambling house.
State v. Campbell, S. A., appellant.....	Mills.....	Reversed December 13, '05	Liquor nuisance.
State v. Dale, J. J., appellant.....	Woodbury...	Affirmed October 21, 1904	Larceny.
State v. Davison, Edward, appellant	Wapello	Affirmed March 18, 1904	Assault with intent to commit rape.
State v. Dominisse, Chas, et al appellants.	Shelby	Affirmed May 3, 1904	Liquor nuisance.
State v. Dover, Boyd, appellant.....	Monroe	Dismissed Sept. 20, 1904	Rape.

SCHEDULE "A"—CONTINUED.

Title of Case.	County.	Decisions.	Offense.
State v. DeGroat, Harry C., appellee.	Dallas	Reversed Feb. 9, 1904	Assault with intent to commit murder.
State v. Duffy, Frank, appellant.	Fayette	Reversed Sept. 23, 1904	Robbery.
State v. Daily, John, appellant.	Polk	Reversed June 14, 1905	Extortion.
State v. Donohue, Tom, appellant.	Polk	Affirmed October 22, 1904	Breaking and entering.
State v. Dickerhoff, John and Emma, appellants.	Polk	Affirmed May 2, 1905	Enticing to house of ill fame.
State v. Dickerhoff, John and Emma, appellants.	Polk	Affirmed October 22, 1904	Keeping house of ill fame.
State v. Donovan, Dan, appellant.	Muscataine	Affirmed October 19, 1904	Breaking and entering.
State v. Donovan, Ed, appellant.	Lyon	Affirmed March 10, 1905	Seduction.
		(Petition for rehearing overruled Sept. 26, 1905)	
State v. Drake, Lawrence, appellant.	Winneshiek	Affirmed Oct. 17, 1905	Seduction.
State v. Davis, Rosser, appellant.	Mahaska	Affirmed Sept. 22, 1905	Manslaughter.
State v. Denhardt, Ed, appellant.	Greene	Affirmed Decemb'r 12, 1905	Illegal fishing.
State v. Egbert, Ed, appellant.	Monroe	Reversed October 27, 1904	Assault with intent to commit rape.
State v. Evans, Plum, appellant.	Monroe	Reversed January 15, 1904	Assault with intent to commit murder.
State v. Evenson, Ed appellant.	Worth	Reversed January 12, 1904	Assault with intent to inflict great bodily injury.
State v. Edmunds, J. Wilson, appellee.	Wright	Reversed November 17, 1904. (Petition for rehearing overruled June 14, 1904).	Practicing medicine as an itinerant physician.
State v. Erdlen, John C., appellant.	Wapello	Reversed June 13, 1905	Possession of burglar's tools.
State v. Erb, B. F. et al, appellant.	Polk	Affirmed October 20, 1905	Liquor nuisance.
State v. Fuller, Wm. H. appellant.	Monroe	Affirmed October 22, 1904	Assault with intent to commit murder.
State v. Finnegan, Peter, appellant.	Cerro Gordo	Reversed April 10, 1905	Larceny.
State v. Gallagher, Sarah Ellen, appellant.	Johnson	Reversed March 19, 1904	Perjury.
State v. Gathman, Albert, appellant (re-hearing).	Pottawattamie	Dismissed September 22, 1904.	Seduction.

State v. Goldsberry, Joe, appellant	Appanoose	Dismissed January 18, 1904 Affirmed July 12, 1904 (Petition for rehearing overruled January 16, 1905)	Liquor nuisance. Larceny.
State v. Greenland, F. A., appellant	Decatur		
State v. Hohl, Fred, appellant	Warren	Affirmed February 15, 1904.	Larceny.
State v. Hortman, Harry, appellant	Cherokee	Reversed January 12, 1904.	Murder.
State v. Hromadko, Frank J., appellant ..	Linn	Reversed May 3, 1904	Forcible defilement.
State v. Haupt, Richard, appellant	Greene	Reversed December 16, 1904.	Seduction.
State v. Humbles, Frank, appellant	Monroe	Affirmed February 7, 1905. (Petition for rehearing overruled May 9, 1905) ..	Assault with intent to commit murder.
State v. Hampton, Samuel, appellant	Appanoose	Affirmed January 14, 1904.	Nuisance.
State v. Halden, A. W. appellant	Appanoose	Dismissed May 9, 1904	Nuisance.
State v. Harris, W. W. appellant	Appanoose	Affirmed January 12, 1904.	Nuisance.
State v. Hasty, J. C. appellant	Keokuk	Affirmed October 23, 1903. (Petition for rehearing overruled February 17, 1904)	Adultery.
State v. Heath, G. H. appellee	Boone	Reversed November 17, 1904	Practicing medicine without a license.
State v. Hewitt, Eugene, appellant	Cerro Gordo ..	Affirmed March 15, 1904 ..	Nuisance.
State v. Hohl, George, appellant	Warren	Affirmed May 11, 1904	Liquor nuisance.
State v. Hummer, Albert, appellant	Johnson	Reversed September 27, 1905	Seduction.
State v. Hartman, Vernie, appellant	Boone	Affirmed February 11, 1905.	Liquor nuisance.
State v. Hellwege, Ernest, appellant	Boone	Affirmed February 13, 1905.	Liquor nuisance.
State v. Hill, Walter, appellant	Monona	Affirmed September 22, 1905	Sodomy.
State v. Icenbice, Elvin, appellant	Poweshiek	Affirmed November 15, 1904	Rape.
		(Petition for rehearing overruled May 9, 1905) ..	
State v. John, Zenas W., appellant. (Rehearing)	Muscatine	Reversed May 12, 1904	Perjury.
State v. Jones, Marion, appellant	Mahaska	Affirmed April 13, 1905 (Petition for rehearing overruled October 27, 1904) ..	Assault with intent to commit murder.
State v. Jacoby, Joe, appellant	Tama	Dismissed April 5, 1905	Liquor nuisance.
State v. Jackson, H. O., appellee	Jasper	Affirmed October 18, 1905.	False pretenses.

SCHEDULE "A"—CONTINUED.

Title of Case.	County.	Decisions.	Offense.
State v. King, Hayden, appellant. (Rehearing).....	Polk.....	Petition for rehearing dismissed February 10, 1904.....	Larceny.
State v. Krueger, Sophia, appellant.....	Howard.....	Affirmed November 23 1904.....	Murder.
State v. Kono, Levi, appellant.....	Jasper.....	Dismissed September 26, 1904.....	Seduction.
State v. Kirkpatrick, Wm. et al, appellants.	Mahaska.....	Affirmed October 20, 1905	Breaking and entering.
State v. Koller, Wm. W., appellant.....	Pottawattamie	Reversed December 12, 1905.....	Adultery.
State v. Keegan, Chris, appellant.....	Fayette.....	Affirmed June 12, 1905...	Nuisance.
State v. Leibe, Oliver, appellant.....	Delaware.....	Affirmed October 25, 1904...	Rape.
State v. Leighton, Roy, appellant.....	Mahaska.....	Dismissed August 25, 1904	Assault with intent to commit murder.
State v. Leuhrsman, E. H., appellant.....	Benton.....	Affirmed April 8, 1904...	Assault with intent to inflict great bodily injury.
State v. Loser, Leon, appellant.....	Pottawattamie	Reversed July 11, 1905....	Conspiracy.
State v. Lucas, Wm., appellant.....	Page.....	Affirmed January 14, 1904	Murder.
State v. Leighton, Clay, appellant.....	Mahaska.....	Dismissed July 11, 1904..	Resisting an officer.
State v. Leuth, August, appellant.....	Cedar.....	Affirmed May 2, 1905.....	Kidnapping.
State v. Lamont, Arthur, appellant.....	Allamakee...	Affirmed June 14, 1905....	Assault with intent to inflict great bodily injury.
State v. Levich, Morris, appellant.....	Woodbury....	Affirmed July 11, 1905. (Petition for rehearing over-ruled September 26, 1905)	Receiving stolen property.
State v. Latham, Albert, appellant.....	Polk.....	Affirmed October 23, 1905.	Assault with intent to commit murder.
State v. Loftus, Mary, appellant.....	Keokuk.....	Reversed October 17, 1905.	Adultery.
State v. Loomis, George, appellee.....	Clayton.....	Affirmed December 13, 1905.	Larceny.
State v. McCay, C. B., appellant.....	Monona.....	Reversed February 9, 1904	Rape

State v. Mahoney, L. D., appellant.....	Polk.....	Affirmed January 15, 1904.	Breaking and entering.
State v. Miller, H. G., appellant.....	Cerro Gordo.....	Affirmed July 12, 1904.	Assault with intent to commit rape.
State v. Motto, Henry, appellant.....	Manaska.....	Affirmed February 18, 1904	Robbery.
State v. Matheson, George, appellant.	Pottawattamie.....	Reversed April 10, 1905 ..	Assault with intent to commit murder.
State v. McGruder, Chas., appellant.....	Hancock.....	Reversed December 13, 1904	Adultery.
State v. McPherson, J. E., appellant.....	Page.....	Affirmed December 14, 1904	Breaking and entering.
State v. Martin, Richard, appellant.....	Winnebago.....	Affirmed December 13, 1904	Lewdness.
State v. Moore, C. R., appellant.....	Winnebago.....	Affirmed December 13, 1904	Resisting an officer.
State v. Morris, R. E., appellant.....	Polk.....	Reversed November 14, 1905	Assault with intent to commit manslaughter.
State v. Moore, W. L., appellant.....	Linn.....	Affirmed June 14, 1905.....	False pretenses.
State v. Mendenhall, E. B., appellant.....	Manaska.....	Affirmed September 22, 1905	Keeping a gambling house.
State v. Morton, Chas., appellant.....	Polk.....	Affirmed October 20, 1905	Murder.
State v. Norris, Levi S., appellant.....	Jones.....	Reversed January 14, 1904	Rape.
State v. Norris, Levi S., appellant.....	Jones.....	Modified and affirmed July 11, 1905.....	Rape.
State v. Panor, Sam, appellant.....	Polk.....	Affirmed Feb. 17, 1904	Nuisance.
State v. Peterson, Zeb, appellant.....	Decatur.....	Affirmed January 20, 1904	Robbery.
State v. Poe, Claude J., et al, appellants...	Union.....	Reversed Feb. 16, 1904	Robbery.
State v. Pray, Richard, appellant.....	Decatur.....	Affirmed June 7, 1904.	Arson.
		(Petition for rehearing overruled May 4, 1905)	
State v. Price, George H., appellant.....	Ringgold.....	Reversed April 12, 1905	Incest.
State v. Pingar, Wm., appellant.....	Polk.....	Affirmed October 22, 1904	Assault with intent to commit murder.
State v. Pingie, Julius, appellant.....	Clinton.....	Affirmed October 17, 1905	Embezzlement.
State v. Phillabaum, Arthur, et al, appellants.....	Polk.....	Affirmed May 10, 1905	Breaking and entering.
State v. Perry, Lewis, appellant.....	Fremont.....	Affirmed Dec. 16, 1905	Incest.
State v. Price, T. J. et al, appellants.....	Manaska.....	Affirmed Sept. 22, 1905	Nuisance.
State v. Raphael, Joseph, et al, appellants	Black Hawk.....	Affirmed April 7, 1904	Burglary.
State v. Rea, B. D., appellant.....	Emmet.....	Reversed Nov. 23, 1904	Practicing medicine as an itinerant physician.
State v. Reagan, Woodson, appellant.....	Appanoose.....	Affirmed January 19, 1904	Murder.
State v. Richards, W. A. appellant.....	Warren.....	Affirmed February 9, 1905	Burglary.
State v. Rivers, F. S., appellant.....	Dallas.....	Affirmed March 10, 1904	Forgery.
		(Petition for rehearing overruled Sept. 28, 1904)	

SCHEDULE 'A'—CONTINUED.

Title of Case.	County.	Decisions.	Offense.
State v. Roan, Sam, appellant.....	Polk.....	Affirmed January 14, 1904	Murder.
State v. Robinson, Thomas C., appellant...	Howard.....	Affirmed Dec. 13, 1904	Murder.
State v. Roburds, Fred, et al, appellants...	Page.....	Reversed Sept. 23, 1904	Robbery.
State v. Richards, W. A. et al, appellants...	Marion.....	Affirmed May 6, 1905	Nuisance.
State v. Runyon, J. H., appellant.....	Wayne.....	Affirmed July 13, 1905	Nuisance.
State v. Robison, J. R., appellant.....	Polk.....	Affirmed October 25, 1905	Lewdness.
State v. Rogers, Wm. C., appellant.....	Pottawattamie	Affirmed December 16, '05	Murder.
State v. Roscum, David, appellant.....	Des Moines...	Reversed October 17, 1905	Malicious mischief.
State v. Roberts, D. B. appellant.....	Taylor.....	Dismissed Sept. 20, 1904	Practicing as a physician without a license.
State v. Rennick, T. J., appellant.....	Calhoun.....	Affirmed April 12, 1905	Incest.
State v. Sandiland, Andy, appellant.....	Pottawattamie	Affirmed April 11, 1904...	Breaking and entering.
State v. Scroggs, L. P., appellant (Re hearing)	Shelby.....	Petition for rehearing overruled June 15, 1904	Assault with intent to commit rape
State v. Smith, Hervey, appellant.....	Wapello.....	Affirmed June 9, 1904 • (Petition for rehearing overruled September 30, 1904)	Seduction.
State v. Smith, Thomas, appellant.....	Monroe.....	Reversed April 15, 1904...	Murder.
State v. Smith, Lewis, appellant.....	Pottawattamie	Affirmed May 7, 1904 (Petition for rehearing overruled November 23, 1904)	Murder.
State v. Starchirch, George, appellant...	Appanoose...	Dismissed January 16, 1904.....	Liquor nuisance.
State v. Seligman, Max, appellant.....	Polk.....	Affirmed May 2, 1905.....	False pretenses.
State v. Shaw, Leona, appellant.....	Malaska.....	Affirmed October 16, 1904 (Petition for rehearing overruled January 20, 1905)	Prostitution.

State v. Steen, Mrs. Herb, appellant.....	Mahaska	Affirmed October 22, 1904. (Petition for rehearing overruled January 20, 1905)	Prostitution.
State v. Stuart, Mr. and Mrs. Nick, appellants	Mahaska	Affirmed September 23, 1904.....	Prostitution.
State v. Sanborn, S. H., appellant.....	Boone.....	Affirmed February 11, 1905.	Liquor nuisance.
State v. Sheets, A. C., appellant.....	Lyon.....	Affirmed February 7, 1905 (Petition for rehearing overruled July 14 1905)	Assault with intent to commit rape.
State v. Smyth, O. V., appellant.....	Boone.....	Affirmed February 11 1905.	Liquor nuisance.
State v. Stanley, Arthur, appellant.....	Appaloose.....	Affirmed July 11, 1905.....	Seduction.
State v. Stuart, Harry, appellant.....	Jones.....	Affirmed June 12, 1905.....	Desertion of wife.
State v. Smith, Joseph C., appellant.....	Monroe.....	Affirmed June 6, 1905.....	Murder.
State v. Sharp, Chas., appellant.....	Keokuk.....	Reversed June 6, 1905.....	Assault with intent to commit murder.
State v. Schneider, Chas., appellant.....	Jones.....	Affirmed September 22, 1905	Breaking and entering.
State v. Savre, L., appellee.....	Mitchell.....	Reversed December 12, 1905	Illegal voting.
State v. Thompson, Wilfred, appellant...	Johnson.....	Affirmed October 27, 1904	Assault with intent to commit murder.
State v. Trusty, Marion, appellant.....	Winnebago ..	Affirmed January 12, 1904	Rape.
State v. Tyler, Chester, appellant.....	Jasper.....	Affirmed January 12, 1904 (Petition for rehearing overruled May 12, 1904.)	Murder.
State v. Tabor, Wm., appellant.....	Polk.....	Affirmed May 11, 1904	Larceny.
State v. Thompson, R. Daxue, appellant	Linn.....	Reversed May 5, 1905	Assault with intent to commit murder.
State v. Usher, Joseph, appellant.....	Linn.....	Reversed January 0, 1905	Murder
State v. Wagner, Harry, appellant.....	Van Buren.....	Affirmed March 9, 1904	Desertion of wife.
State v. Walker, John, appellant.....	Polk.....	Reversed July 12, 1904	Murder
State v. Wasson, C. G., appellant.....	Lynn.....	Reversed January 11, 1905	Robbery.
State v. Williams, Richard, appellant...	Mahaska.....	Reversed January 13, 1904	Murder.
State v. Wilson, Josephine, appellant.....	Mahaska	Affirmed June 7, 1904 (Petition for rehearing overruled October 27, 1904.)	Keeping house of ill fame.
State v. White, Jack, appellee.....	Boone.....	Reversed April 5, 1904	Gambling.
State v. Worthen, Owen, appellant.....	Benton.....	Affirmed July 12, 1904	Burglary.

SCHEDULE "A"—CONTINUED.

Title of Case.	County.	Decisions.	Offense.
State v. Warren, Chas., appellant.....	Polk.....	Affirmed November 23, 1904	Assault with intent to commit murder.
State v. Welch, C. E., appellant.....	Hardin.....	Dismissed June 8, 1904	Neglect of official duty.
State v. Wolf, Orris, appellant.....	Poweshiek...	Affirmed October 18, 1904	Rape.
State v. Wescott, Martin, appellant.....	Cerro Gordo..	Affirmed July 11, 1905	Murder.
State v. Whitsel, Isaac, appellant.....	Washington..	Affirmed September 22, 1905	Larceny of domestic fowl.
State v. Wheeler, Hugh, appellant.....	Buier.....	Reversed November 18, 1905	Assault with intent to maim and disfigure
State v. Weigert, H. C., appellant.....	Pocahontas ..	Affirmed November 18, 1905	Practicing medicine without a certificate.
State v. Willing, L. G., appellant.....	Black Hawk ..	Reversed November 18, 1905	Arson.
State v. Whitnah, Fenton, appellant.....	Page.....	Affirmed December 15, 1905	Murder.

SCHEDULE "B."

The following is a list of criminal cases pending in the Supreme Court of Iowa on January 1, 1906:

Title of Case.	County.	Offense.
State v. Andrews, Chas., appellant (Rehearing).....	Polk.....	Rape.
State v. Brown, Jerome V., appellant.....	Butler.....	Assault with intent to maim and disfigure.
State v. Bernstein, S., appellant.....	Warren.....	Giving intoxicating liquors.
State v. Hydenburgh, E. S., appellant (Rehearing).....	Hardin.....	Murder.
State v. Caine, D. F., appellant.....	Woodbury.....	Conspiracy.
State v. Crouch, F., appellant.....	Palo Alto.....	Caral knowledge of an imbecile.
State v. Crofford, J. W., appellant.....	Clarke.....	Murder.
State v. Disbrow, H. H., appellant.....	VanBuren.....	Larceny by bailee.
State v. Funning, Day, appellant.....	Kinggold.....	Fraudulent banking.
State v. Gibson, Ralph, appellant.....	Polk.....	False pretenses.
State v. Harter, John C., appellant.....	Henry.....	Perjury.
State v. Hayden, John, appellant.....	Decatur.....	Murder.
State v. Harvey, Clyde and Hattie, appellants.....	Carroll.....	Arson.
State v. Harmon, Peter H., appellant.....	Dubuque.....	Adultery.
State v. Jackson, H. O., appellee (Rehearing).....	Jasper.....	False pretenses.
State v. Johnson, Lee, appellant.....	Benton.....	Assault with intent to commit rape.
State v. Loser, Leon, appellant (Rehearing).....	Pottawattamie.....	Conspiracy.
State v. Leuth, August, appellant (Rehearing).....	Cedar.....	Kidnapping.
State v. Lomack, F. C., appellant.....	Polk.....	Libel.
State v. Matheson, George, appellant (Rehearing).....	Pottawattamie.....	Assault with intent to commit murder.
State v. Metcalf, Chas., appellant.....	Woodbury.....	Incest.
State v. Moore, Wm. H., appellant.....	Muscatine.....	Murder.
State v. McFadden, Emma, appellant.....	Mahaska.....	Adultery.
State v. McKenney, Horace H., appellee.....	Harrison.....	Embezzlement.
State v. McClain, Ed, appellant.....	Polk.....	Larceny from the person.
State v. Moore, Chas. W., appellant.....	Mahaska.....	Liquor nuisance.
State v. Mulhern, J. W., appellant.....	Madison.....	Liquor nuisance.
State v. Mitchell, George, appellant.....	Poweshiek.....	Murder.
State v. Porter, Cynthia A., appellant.....	Madison.....	Keeping a house of ill fame.

SCHEDULE "B"—CONTINUED.

Title of Case.	County.	Offense.
State v. Rehard, Leonard, appellant.....	Madison.....	Uttering a forged bank check.
State v. Ruley, Oscar O., appellant.....	Madaska.....	Adultery.
State v. Rucker, Chas., appellant.....	Lyon.....	Murder.
State v. Smith, Thomas, appellant.....	Monroe.....	Murder.
State v. Salyers, I. N., appellant.....	Emmet.....	Taking game fish.
State v. Seery, Francis E., appellant.....	Benton.....	Murder.
State v. Smith, John, appellant.....	Linn.....	Burglary.
State v. Shepherd, Dan, appellant.....	Jefferson.....	Murder.
State v. Spiker, F. W., appellant.....	Cass.....	Forgery.
State v. Steinecke, Herman appellant.....	Benton.....	Liquor nuisance.
State v. Speers, Andrew, appellant.....	Greene.....	Rape.
State v. Thomas, J. H., appellant.....	Warren.....	Uttering a forged instrument.
State v. Thomas, Chas., appellant.....	Polk.....	Murder.
State v. Wescott, Martin, appellant (Rehearing).....	Cerro Gordo.....	Murder.
State v. Woodard, Chas., appellant.....	Decatur.....	Murder.
State v. Wick, R. E., appellant.....	Butler.....	Illegal sale of books by a school director.

SCHEDULE "C."

The following civil cases which were pending at the time of my last report have since been disposed of:

State of Iowa v. Christopher T. Jones and H. Scofield.
Polk County District Court.

Dismissed by the district judge.

Wilson L. Ogden v. Leslie M. Shaw, Governor. Polk County.

Dismissed.

Marshall Dental Mfg. Co. v. John Irving, State of Iowa,
Intervenor. Greene County District Court.

Dismissed.

Iowa Telephone Co. v. John Herriott, et al. Polk County.

This was an action by the Iowa Telephone Company to recover from John Herriott, Treasurer of State, taxes which had been assessed against the Telephone Company under the provisions of section 1331 of the code, and which were by it paid under protest. During the pendency of the action section 1331 of the code was declared by the Supreme Court to be unconstitutional in the case of *Layman v. Telephone Company*, 123 Iowa, 591. After the decision of the Layman case the district court overruled the demurrer filed by the state in the case of *Telephone Company v. Herriott*, and entered a judgment against Herriott as Treasurer of State for the amount of the taxes paid by the Telephone Company, interest thereon and costs of suit, the entire amount being

\$9,528.17. The right of the Telephone Company to recover this sum was clearly settled by the decision of the Layman case, and no appeal from such judgment was taken by the state. The judgment has since been paid and the case is disposed of.

American Home Investment Co. v. W. B. Martin, Secretary of State. Polk County.

This was an action brought in Polk county for a writ of mandamus to compel the secretary of state to file certain articles of incorporation. A motion and demurrer were filed to the petition. Both were sustained and the bill of complaint dismissed.

State v. Meek Bros. Co. Van Buren County.

This was an action brought by the state to condemn the right of way for a fishway over the dam across the Des Moines river at Bonaparte. A sheriff's jury was empaneled to assess the damages; and returned an award of \$40,000. From the return of such award the state appealed to the district court. Pending the appeal the dam was washed out by a freshet of the Des Moines river, and no attempt has been since made to rebuild or repair the same. After the dam had been washed away the action in the district court was dismissed and the costs incurred paid by the state.

Fidelity & Deposit Co. of Maryland v. Dennis E. Ryan, et al. Monona County.

This was an action of foreclosure in which the state was a nominal party defendant and had no real interest. A foreclosure was granted and the land sold under the decree of the district court.

Stockdale v. Gilbertson. Polk County.

This was an action brought by Stockdale to recover money paid for a license issued to him as an itinerant physician. The case was dismissed at plaintiff's costs July 5, 1905.

Iowa Loan & Trust Co. v. Geo. Godfrey. Polk County.

This was a foreclosure of a mortgage against property owned by Godfrey. The state was a nominal party only. A decree of foreclosure was rendered by the court and the case has been finally disposed of.

E. H. O'Connor v. Northwestern Life & Saving Co., B. F. Carroll, Auditor of State. Polk County.

This was an action brought to recover money claimed to have been illegally paid by the plaintiff to the Northwestern Life & Savings Co. Carroll, Auditor of State, although made a party defendant, had no real interest in the action. The case was afterward transferred to the federal court.

In the Matter of John J. Thornton, Insane. Wm. C. Richardson, Guardian. St. Louis Circuit Court.

This was an action brought by the state against the guardian of Thornton to recover the cost of the support of Thornton in the hospital for the insane in this state. Judgment was obtained by the state against the guardian in the sum of \$2683.16. - In April, 1904, there was collected upon this judgment \$2620.82, which amount, less \$200 attorney fees retained by Mr. W. R. Gentry who prosecuted the case, was remitted to me, the net amount of the remittance being \$2420.82. Afterward the further sum of \$26.57 was remitted to me, being collected out of other property in the hands of the guardian. These sums were turned into the treasury at the time they were received and the case is practically disposed of.

State of Iowa v. John Callan, Admr. of the Est. of Edward Moran, Deceased. Dallas County.

This was an action brought by the state to recover of the estate of Edward Moran the cost of his support during the time he was an inmate of the Soldiers' Home at Marshalltown. In the case of the *State v. James Colligan*, 104 N. W. Rep., 905, the supreme court held that the

cost of support in cases of this character could not be recovered from the estate of the person to whom the support was furnished. This holding of the court prevented a recovery in the case and it was therefore dismissed.

Mason City & Ft. Dodge Ry. Co. v. A. F. Simpson and others. Webster County.

Action for injunction to restrain the collection of taxes assessed against the Railway Company. Action was dismissed by the plaintiffs and costs paid.

Chicago, Milwaukee & St. Paul Ry Co. v. Wapello County. Wapello County.

This was an action brought by the Railway Company to restrain the collection of taxes upon its proposed line of railway, which were assessed against it before it was in operation. The judge of the district court of Wapello county overruled a demurrer filed by the state and granted a perpetual injunction restraining the treasurer of Wapello county from collecting the tax assessed. In my opinion the judgment of the court was right, and no appeal was taken.

In the Matter of the Estate of Robert R. Oswald. Butler County.

This was a claim filed in the district court of Butler county against the estate of Robert Oswald for payment of cost of his support during the time he was in the state hospital for the insane. Under the holding in the Colligan case, the proceeding was dismissed.

State ex rel. Frank Davis v. Wm. A. Hunter, Warden. Jones County.

The judgment of the district court was affirmed by the supreme court upon appeal by the state.

Cedar Rapids & Marion City Ry. Co. v. Albert B. Cummins, et al. Linn County.

This was an action of certiorari brought by the Cedar Rapids and Marion City Ry. Co. against the Executive

Council to prevent the assessment of the property of the corporation by the council. The writ was granted by the court, from which order the state appealed. The order of the district court was reversed by the supreme court, which held that the executive council had full power to assess the property of the corporation as an interurban railway.

Gilbertson v. Ballard. Washington County.

This was an action brought by Gilbertson as Treasurer of State to recover collateral inheritance tax claimed to be due from the estate of A. W. Chilcote, deceased. The district court rendered a judgment adverse to the state, and the state appealed. The judgment of the district court was affirmed by the supreme court October 26, 1904.

Ohlrogg v. District Court of Worth County.

Petition for certiorari. Dismissed October 14, 1904.

Josephine Wilson v. District Court of Mahaska County.

Petition for certiorari. Dismissed February 10, 1904.

John W. Brady v. Geo. W. Mattern, Sheriff. Polk County.

This was an action of *habeas corpus* brought by Brady against Mattern, Sheriff, in which Brady claimed that he was illegally restrained of his liberty under an arrest for a violation of the provisions of section 9 of chapter 77 of the acts of the twenty-ninth general assembly. He was discharged from the custody of the defendant upon the ground that the act referred to is unconstitutional. The defendant appealed from the judgment of the district court and the supreme court held that the act is constitutional, and that the district court erred in discharging Brady from the custody of the sheriff.

Greenwich Insurance Co. of New York, et al, v. B. F. Carroll. United States Circuit Court.

This was an action brought in the United States circuit court for the southern district of Iowa, by the Green-

wich Insurance Company and other foreign insurance companies against the auditor of state, for the purpose of having section 1754 declared to be unconstitutional. It was argued and submitted in the supreme court of the United States in November, 1905. The judgment of the circuit court was reversed and the statute in question held to be valid.

American Express Co. v. State of Iowa, and Adams Express Co. v. State of Iowa.

These cases were both actions by indictment for the illegal sale of intoxicating liquors in the state. They were argued and submitted to the United States supreme court in December, 1904, and the decision of the supreme court of Iowa was reversed in both cases.

SCHEDULE "D."

The following is a list of civil cases which were commenced and have been disposed of since my last report:

State of Iowa ex rel. John Conlon v. Wm. A. Hunter, Warden Penitentiary at Anamosa. Jones County District Court.

Habeas corpus. Petitioner discharged by district judge.

Chas O. Nourse v. Alice V. Brown, et al. Polk County District Court.

Foreclosure of mortgage.

Mrs. M. J. Thorn v. Jno. T. Hambleton, State of Iowa, et al. Polk District Court.

Foreclosure of mortgage.

State of Iowa ex rel. Chas W. Mullan, Attorney General, v. Continental Life Insurance Co. Polk District Court.

This was an action for the appointment of a receiver to wind up the affairs of the Continental Life Insurance Company. The order granting an injunction and appointing a receiver was made January, 30, 1904. The affairs of the Company were wound up through the intervention of the receiver and the case is disposed of.

State of Iowa ex rel. Chas W. Mullan, Attorney General, v. The Fraternal Bond, et al. Polk District Court.

This was an action for an injunction restraining the Fraternal Bond Company from transacting business in the state of Iowa. A temporary injunction was issued February 17, 1904, and a permanent injunction February, 1, 1905.

State ex rel. B. F. Carroll, Auditor of State, v. The Corning Savings Bank. Adams District Court.

This was an action by the auditor of state for the appointment of a receiver to wind up the affairs of the bank. The order appointing the receiver was made February 22, 1904, and the affairs of the bank have since been closed by such receiver.

Herman L. Hildreth v. G. S. Gilbertson, Treasurer of State. Polk District Court.

This was an action brought by Hildreth against the treasurer of state to recover collateral inheritance taxes paid by the said Hildreth. An investigation of the facts in the case clearly showed that the taxes which had been collected of and paid by the said Hildreth were illegally exacted by the state, and a stipulation was entered into for the repayment of such taxes.

State of Iowa ex rel. J. A. Gregory v. N. M. Jones, Warden. United States District Court.

Action of *habeas corpus*. Demurrer to petition sustained March 19, 1904, and writ denied.

State of Iowa ex rel. Chas. W. Mullan, Attorney General, v. United Sons of America of Des Moines. Polk District Court.

This was an action for the appointment of a receiver. A demurrer to the petition was sustained and the application denied.

In the Matter of the Estate of Wm. R. Morley, Deceased. Fayette District Court.

This was an action brought to re-open the question of the liability of the estate of Wm. Morley to pay collateral inheritance tax. The application was afterward withdrawn and the case disposed of.

State of Iowa ex rel. Chas. W. Mullan, Attorney General, v. Church Federation of America. Marshall District Court.

This was an action for the appointment of a receiver to wind up the affairs of an assessment association. The application was sustained and a receiver appointed June 21, 1904, and the affairs of the association wound up by such receiver.

Matter of the Estate of Henry Runge. Grundy District Court.

Action for the payment of collateral inheritance tax. This was an appeal from the Grundy district court. After the appeal was perfected, I reached the conclusion that the decision of that court was right and dismissed the appeal.

Ackerman & Macy v. Hannah Sharp and Department of Agriculture. Polk District Court.

This was an action to enforce a mechanic's lien against property owned by the state. A demurrer to the plaintiff's petition was sustained and judgment for the Department of Agriculture rendered.

W. J. Chamberlain v. The Capitol Commission, et al. Polk District Court.

This was an action to restrain the Capitol Commission from making a contract for the decoration of the capitol without advertising for bids upon the work to be done. The case was tried in the district court and a judgment was entered therein November 5, 1904, dismissing plaintiff's bill.

State of Iowa v. James Colligan. Woodbury District Court.

This was an action brought by the state to recover from the guardian of James Colligan, who was an insane patient, the cost of his maintenance in the state hospital for the insane. Judgment of the district court was adverse to the state, and an appeal was taken to the supreme court. On October 17, 1905, the judgment of the court below was affirmed.

SCHEDULE "E."

The following civil cases are now pending in the state and federal courts:

DISTRICT COURTS.

Western Union Telegraph Company v. Carroll. Polk county.

In the Matter of the Estate of Richard Wilde, Deceased. Franklin county.

Sioux City Gas & Electric Company v. Wm. B. Martin, and G. S. Gilbertson. Polk county.

Western Union Telegraph Company v. B. F. Carroll, Auditor of State. Polk county.

State of Iowa, *ex rel.* B. F. Carroll, Auditor of State, v. New Liberty Savings Bank. Scott County.

Frank L. McCoy *et al.*, v. J. L. Paxton, *et al.* Pottawattamie county.

J. W. Murphy v. Louisiana Purchase Exposition Company. Polk county.

State of Iowa v. Fraternal Accident Society of Cedar Rapids. Linn county.

State of Iowa *ex rel.* Chas. W. Mullan, v. A. J. Fuhrmeister. Linn county.

L. W. Nichols, *et al.*, v. National Masonic Accident Association, B. F. Carroll, Auditor of State, *et al.* Pottawattamie county.

City of Council Bluffs, *et al.*, v. W. B. Martin, Secretary of State, *et al.* Pottawattamie county.

Rose Ann Canaran, *et al.*, v. Martin Harkins and G. S. Gilbertson. Greene county.

State of Iowa *ex rel.* Chas. W. Mullan, Attorney General
v. Syndicate Land Company. Polk county.
Fremont Benjamin, *et al.*, v. B. F. Huff, A. B. Cummins,
Governor, *et al.* Harrison county.
H. A. Merrill, *et al.*, v. Board of Supervisors of Cerro
Gordo county, *et al.* State of Iowa, Intervenor.
Cerro Gordo county.

SUPREME COURT OF IOWA.

Mrs. F. M. Randolph v. Cottage Hospital and State of
Iowa, Appellants.
G. S. Gilbertson, Appellant, v. Geo. A. Oliver.
State of Iowa, Appellant, v. Lafayette Young.
State of Iowa v. Ole Thompson, Appellant.
Isaac Hall, Appellant, v. Butler county, *et al.*
Silas Wilson, Appellant, v. Louisiana Purchase Exposition
Commission.
Iowa Mutual Tornado Insurance Association, Appellant,
v. G. S. Gilbertson.
Iowa Implement Mutual Insurance Association, Appel-
lant, v. G. S. Gilbertson.
Iowa Plate Glass Mutual Insurance Association, Appel-
lant, v. G. S. Gilbertson.
Town Mutual Dwelling House Insurance Association, Ap-
pellant, v. G. S. Gilbertson.
Eastern Iowa Mutual Hail Association, Appellant, v. G.
S. Gilbertson.
Farmers Mutual Hail Insurance Association, Appellant,
v. G. S. Gilbertson.
Mutual Hailstorm Insurance Association of Iowa, Appel-
lant, v. G. S. Gilbertson.
Home Mutual Insurance Association, Appellant, v. G. S.
Gilbertson.
Mutual Wind Storm Insurance Association, Appellant, v.
G. S. Gilbertson.
Farm Property Mutual Insurance Association, Appellant,
v. G. S. Gilbertson.
Iowa Mercantile Mutual Fire Insurance Association, Ap-
pellant, v. G. S. Gilbertson.

State Farmers Mutual Fire & Tornado Insurance Association, Appellant, v. G. S. Gilbertson.
 Merchants Mutual Insurance Association, Appellant, v. G. S. Gilbertson.
 Grain Growers Mutual Hail Insurance Association, Appellant, v. G. S. Gilbertson.
 Iowa Assessment Mutual Fire Insurance Association, Appellant, v. G. S. Gilbertson.
 Mutual Horticultural Insurance Association of Iowa, Appellant, v. G. S. Gilbertson.
 Mutual Fire and Tornado Association, Appellant, v. G. S. Gilbertson.
 Retail Merchants Mutual Fire Insurance Association, Appellant, v. G. S. Gilbertson.
 State of Iowa v. Wm. G. Thompson, Judge. Certiorari.
 State of Iowa, Appellant, v. S. A. Smithart.
 Wm. H. Semonies, *et al*, v. Chas. W. Needles, Appellant.
 Cora Honaker v. F. P. Fitzgerald, Appellant.
 State of Iowa v. R. H. Stringfellow, *et al*, Appellants.
 State of Iowa v. Wm. Greenway, *et al*, Appellants.
 State of Iowa, *ex rel.* L. R. Bone v. Wm. A. Hunter, Appellant.
 State of Iowa, Appellant, v. Amana Society.
 Carpenter v. Jones County, *et al*, Appellants.
 Wm. A. Montgomery, *et al*, Appellants, v. G. S. Gilbertson.

U. S. CIRCUIT COURT, SOUTHERN DISTRICT OF IOWA,

WESTERN DIVISION.

Robert C. Rice v. Northwestern Life & Savings Company and B. F. Carroll, Auditor of State.
 Samuel Carr, *et al*, v. Chas R. Hannan, *et al*.
 John A. Creighton v. Chas. R. Hannan, *et al*.
 Omaha Bridge & Terminal Company v. Chas R. Hannan, *et al*.
 John I. Redick v. Chas. R. Hannan, *et al*.
 Whitney Realty Company v. Chas. R. Hannan, *et al*.
 James B. Ames, *et al*, v. Chas. R. Hannan, *et al*.
 Geo. Baxter, *et al*, v. Chas. R. Hannan, W. M. Martin, *et al*.

SCHEDULE "F."

SALOON—OPERATION OF NEAR CHURCH.—Whenever a church is built within three hundred feet of a saloon, the saloon must cease to conduct its business.

Des Moines, January 13, 1904.

HON. JOSEPH MEKOTA,
County Attorney, Linn county,
Cedar Rapids, Iowa.

DEAR SIR—Replying to your favor of the 9th instant, requesting my opinion upon the question whether a saloon may continue to be operated under the mulct law of the state where a church is built within three hundred feet of the saloon at a time after the saloon has been in operation for several years, I submit the following:

Subdivision 2 of section 2448 of the code provides:

“But in no case shall said business be conducted by any person holding any township, town, city or county office, or within three hundred feet of any church building or school house * * * .”

It was clearly the intention of the legislature in enacting this provision of the statute to prohibit the sale of intoxicating liquors within three hundred feet of a church or a school house. No exception is made in the statute which permits a saloon to continue the sale of intoxicating liquors within three hundred feet of a church when such church is built after the saloon is in operation. A construction of the statute which would permit a saloon to continue its business and sell intoxicating liquors within three hundred feet of a church because the church was erected after the establishment of the saloon, would be

a nullification of its letter and spirit. Nor can it be held to have been the intention of the legislature in effect to prohibit churches being erected upon any site within three hundred feet of a saloon. Whenever a church is built within that distance of an existing saloon, the saloon must cease to conduct its business.

The right to sell intoxicating liquors under the mulct law is a right limited and restricted by statute. One of the restrictions imposed upon this traffic is that it shall not be carried on within three hundred feet of a church, and the fact that the church was erected after the establishment of the saloon does not remove the restrictions imposed by the statute.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General.

**INSURANCE—APPOINTMENT OF AGENTS--Executive Agent's
Application and Contract Construed under Sections
1749 and 1750 of the Code.**

SIR—Complying with your verbal request for an opinion as to the status of agents appointed by the Mutual Reserve Life Insurance Company of New York, under the "Executive agents application" and "Special renewal contract" submitted, I beg to submit the following:

The executive agents proposed to be appointed under the application and contract submitted, fall within the provisions of sections 1749 and 1750 of the code, which are made applicable to life insurance companies by section 1815, and must be treated as agents of the company authorized to transact its business in receiving and procuring applications for insurance and such other business as may be entrusted to them by the company.

It is undoubtedly within the power of an insurance company to appoint as many agents to transact its business

as it may see fit; and to fix such compensation for the work performed by them as may be agreed upon between the company and the agents. Every person, however, so appointed becomes, under our statute, an agent of the company with the right to solicit and receive applications and to transact such other business as may come within the scope of his employment. He must, therefore, receive from the auditor of state a certificate showing that such company has complied with the provisions of law, and that he is authorized to act as its agent, before transacting any business for the company.

The question is suggested as to whether an agent appointed under the application and contract submitted, receives any special benefit by reason of such appointment upon insurance on his own life if written by the company; and whether the company, in appointing such executive agents, makes any distinction or discrimination between them and other persons insured of the same class and expectancy of life, in the amount or payment of premiums or rates charged for life insurance policies, and for that reason the contract of appointment falls within the prohibitive provisions of section 1782 of the code.

A careful examination of the application and special renewal contract leads me to the conclusion that an agent appointed thereunder receives no special benefit because of such appointment as to any insurance he may take upon his own life; and that the application and contract entered into between him and the company make no distinction or discrimination between him and persons insured, of the same class and equal expectancy of life, in the amount or payment of premiums or rates charged for life insurance policies, or in any other of the terms and conditions of the contract of insurance made by the company.

In my opinion, therefore, no legal objection exists under the laws of this state to the appointment of such executive agents of an insurance company, so long as there is no

attempt at any distinction or discrimination between them and other persons of the same class insured by the company.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

January 21, 1904.

HON. B. F. CARROLL,

Auditor of State.

TAXATION—EXEMPTION FROM—It is held that under the soldiers' exemption act, property, not to exceed eight hundred dollars in value of any honorably discharged soldier or sailor, is exempt from taxation, regardless whether said property is situate without the county of residence of the soldier, sailor or widow.

SIR—In response to your request of the 6th instant asking my opinion whether, under the soldiers' exemption act, a soldier who lives in one county and has more than eight hundred dollars in property in the county of his residence, and also has more than eight hundred dollars worth of property in another county, can divide his exemption, I beg to submit the following:

Subdivision 7 of section 1304 of the code provides that the property, not to exceed eight hundred dollars in actual value, of any honorably discharged Union soldier or sailor of the Mexican War or of the War of the Rebellion, or of the widow remaining unmarried of such soldier or sailor, shall be exempt from taxation.

This statute is broad in its terms and covers all of the taxable property of such soldier, sailor or widow without reference to its location; that is, such soldier, sailor or widow is entitled to an exemption of eight hundred dollars upon the assessed value of all his or her property, unless the value of the property owned by him or her amounts in value to five thousand dollars or more.

The section further provides that all soldiers, sailors or widows referred to therein shall receive a reduction of eight hundred dollars at the time the assessment is made by the assessor, unless waiver thereof is voluntarily made at the time of the assessment.

Under this provision the soldier, sailor or widow entitled to the exemption may waive all or any part thereof, and no good reason exists why such soldier, sailor or widow may not claim a part of such exemption upon the property in one county and a part upon property in another. The statute does not confine the exemption given by statute to property in the county where the soldier, sailor or widow resides; and as it applies generally to all property owned by the soldier, sailor or widow, he or she may, in my opinion, divide the exemption allowed by statute, and have it applied upon property taxed in different jurisdictions.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General.

February 11, 1904.

HON. ALBERT B. CUMMINS,
Governor of Iowa.

INSURANCE—RETALIATORY MEASURES BY AUDITOR OF STATE

—The Auditor of State is authorized to impose upon any insurance company incorporated in any other state, as a retaliatory measure, any burden, penalty or fee, which may be imposed on such companies of this state by the laws of the state under which such foreign insurance company is organized.

SIR—Complying with your request of January 30th for an opinion as to the construction of section 1736 of the code, and as to your right thereunder to impose a tax of two per cent upon the gross premiums received by insurance companies, organized under the laws of the state

of Wisconsin, in cities, towns and villages having or maintaining a regularly organized fire department, in this state, as a retaliatory measure for the protection of Iowa insurance companies transacting business in that state, I submit the following:

First. Under the provisions of section 1736, which are as broad as language can make them, the auditor of state is authorized to impose upon any insurance company organized under the laws of another state as a retaliatory measure any burden in the nature of taxes, fines, penalties, licenses, fees, deposits of money, securities or other obligations or prohibitions which are or would be imposed on insurance companies of this state by the laws of the state under which such foreign insurance company is organized.

If the laws of the state of Wisconsin impose upon Iowa insurance companies seeking to do business in that state a tax of two per cent upon the gross premiums collected in cities, towns and villages having or maintaining a regularly organized fire department, in addition to the ordinary state tax assessed against such companies, it is clearly within the power of the auditor of state of the state of Iowa to retaliate under the provisions of section 1736 of the code by imposing a like burden upon the Wisconsin companies transacting business in this state. The burden imposed by the auditor of state upon Wisconsin companies as a retaliatory measure should, as nearly as practicable, be of the same nature and character as the burden imposed by the state of Wisconsin upon the Iowa companies, and the imposition by the auditor of state of a two per cent tax upon the gross premiums collected by the Wisconsin companies in cities, towns and villages in this state, having or maintaining a regularly organized fire department, in addition to the ordinary taxes assessed against such companies, places upon such companies substantially the same burden which Iowa companies are

compelled to bear under the laws of the state of Wisconsin. The auditor of state is, therefore clearly authorized by section 1736 as a retaliatory measure, to compel insurance companies organized under the laws of the state of Wisconsin and doing business in this state, to pay a two per cent tax upon the gross premiums collected in cities, towns and villages having or maintaining a regularly organized fire department.

Second. Without reiterating what has been said, the auditor of state may, under the provision of the statute referred to, require Wisconsin companies doing business in this state to pay to the insurance department the difference between the uniform charge for the publication of the annual statements of such companies in this state, and the charge which Iowa companies doing business in the state of Wisconsin are compelled to pay; the intent of the statute clearly being that the auditor may, in all cases, impose the same burdens upon any foreign insurance company transacting business in this state which are imposed upon Iowa companies transacting business in the state or country where such foreign insurance company is organized.

Respectfully submitted,

CHAS. W. MULLAN;

Attorney-General of Iowa.

February 22, 1904.

HON. B. F. CARROLL,

Auditor of State.

INSURANCE—RETALIATORY MEASURES—Any rule or measure, retaliatory in its nature, made or adopted by the Auditor of State against any foreign insurance company doing business in this state, cannot be retroactive in its operation.

SIR—As supplemental to the opinion handed you today as to your right under section 1736 of the code to impose a two per cent tax upon the gross premiums collected by

insurance companies organized under the laws of the state of Wisconsin, in cities, towns and villages having or maintaining a regularly organized fire department, in this state, as a retaliatory measure for the protection of Iowa insurance companies transacting business in that state, I submit the following:

In my opinion it is not within the power of the auditor of this state to make any retaliatory measure, which he may adopt for the protection of Iowa insurance companies in other states, retroactive. Such a rule can only be enforced from and after the time of its adoption by the auditor, and must apply to the future actions of foreign insurance companies and not to those of the past.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

February 22, 1904.

HON. B. F. CARROLL,
Auditor of State.

SCHOOLS—SUBJECTS TO BE TAUGHT. A teacher may be employed to give instruction in branches in which he was not examined by the state board at the time his certificate was granted.

SIR—Complying with your request of the 19th ultimo as to whether a teacher in a public school may be employed to give instruction in branches as to which he has not been examined, either by the county superintendent or the board of educational examiners, I submit the following:

Section 2629 of the code provides certain subjects upon which the state board shall examine applicants for state certificates, and then adds, “and such other studies as the board may require”. If the applicant was examined and passed in all of the branches named in the section referred to, and the school board desires to have instruction given

in other branches, as to which the state board has not examined the applicant, he could, in my opinion, be employed as a teacher to give instruction in such branches, although they were not included in the examination by the state board. The statute requires an examination upon certain subjects before a certificate can be given the applicant to teach in the public schools; but it does not provide either in terms or by implication that instruction may not be given by a teacher who has received a certificate upon branches not included in the examination.

It logically follows, therefore, that a teacher so employed is entitled to and may recover compensation for services.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General.

March 9, 1904.

HON. JOHN F. RIGGS,

Superintendent of Public Instruction.

ROAD TAX—LEVYING, COLLECTION AND EXPENDITURE OF—

Road taxes are levied by the township trustees, and collected by the county treasurer in the same manner and at the same times as other taxes.

SIR—Complying with your request for an opinion as to the construction of the law governing the levying, collection and expenditure of road taxes, I beg to submit the following:

What is commonly known as the present road law was enacted as chapter 53 of the acts of the twenty-ninth general assembly.

By that act the legislature undertook to make an entire change in the method of levying, collecting and expending the road taxes in this state. Certain of the provisions of the act are in conflict with the provisions of the code, and the law is undoubtedly in a somewhat confused condition; but taking it as a whole, and giving force as far

as possible to all of the provisions of the act and to those of the code, they can be so harmonized as to carry out the intent of the legislature.

Section 1533 of the code as amended by the acts of the twenty-ninth general assembly, in fixing the duty of the township trustees, provides:

“They shall order the township road tax for the succeeding year paid in money and collected by the county treasurer as other taxes.”

Section 1540-a of the code supplement provides:

“He (the township clerk) shall, within four weeks after the trustees have levied the property road tax for the succeeding year, certify said levy to the county auditor who shall enter it upon the tax books for collection by the county treasurer as other taxes.”

And section 1542-a of the code supplement provides:

“He (the township clerk) shall, on or before the second Monday of November of each year, make out a certified list of all property, including lands, town lots, personal property and property otherwise assessed, including assessments by the executive council on which the road tax has not been paid in full, and the amount of the tax charged on each separate assessment or parcel of said property, designating the district in which the same is situated, and transmit the same to the county auditor, who shall enter the amount of tax on the lists the same as other taxes, and deliver the same to the county treasurer, charging him therewith, which shall be collected in the same manner as county taxes are collected.”

Under these provisions the property road tax for each succeeding year must be levied by the township trustees and ordered to be paid in money and to be collected by the county treasurer as other taxes.

The township clerk must, within four weeks after such levy and order, certify the tax to the county auditor, who must enter it upon the tax books, and it must then be collected by the county treasurer the same as other taxes;

that is, one-half of such tax becomes due and payable on the first day of March following, and the other one-half due and payable on the first day of September thereafter, the first installment becoming delinquent on the first day of April and the second on the first day of October.

Under the statute in force prior to the enactment of chapter 53 of the acts of the twenty-ninth general assembly, all road taxes payable in money became due and payable with the first installment of other taxes, and in changing the time of collecting road taxes it was necessary to make a special provision for the levy and collection of the road tax of 1903 in order to provide funds available for road purposes between the time of the levy of the taxes of 1904 and the collection of the same.

Such provision is made by section 1540-a of the code supplement under which it became the duty of the township trustees at the April meeting in 1903 to levy the road taxes for the years 1903 and 1904 upon the assessment of 1903; the levy for the year 1903 being a special levy for the purpose of covering the time between the regular levy and the collection of the taxes of 1904, and to provide a road fund available during the year 1903. After the year 1903 the regular levy of the road tax shall be made by the township trustees at their April meeting and certified to the county treasurer and collected in the same manner as other taxes.

This, as has been suggested, is an entire change in the method of levying and collecting road taxes in this state, and the provision of section 1413 of the code that

“All road taxes payable to the county treasurer shall be due with the first installment of other taxes and subject to the penalty for non-payment as other taxes,”

must be held to have been repealed by section 18 of chapter 53 of the acts of the twenty-ninth general assembly.

As the law now exists, the township trustees should levy the road tax at their April meeting in each year. It should then be certified to the auditor and placed upon the tax books and collected by the treasurer in precisely the same manner as he collects other taxes.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General.

March 31, 1904.

HON. B. F. CARROLL,
Auditor of State.

FISH AND GAME LAW—(1) A gun may be a contrivance within the meaning of the code section 2539 and may be seized and destroyed as a public nuisance. (2) An artificial ditch connecting public waters with private waters becomes public waters from which fish may not be taken during the closed season.

Des Moines, April 18, 1904.

HON. GEO. A. LINCOLN,
Fish and Game Warden,
Cedar Rapids, Iowa.

DEAR SIR —I am in receipt of your favor of the 9th instant, requesting my opinion as to whether a gun when used for the purpose of killing and taking fish in violation of law, is a public nuisance under the statute, which may be taken and destroyed under the provisions of section 2539 of the code, as amended by the acts of the twenty-ninth general assembly; and also whether a ditch which is excavated for the purpose of draining lands adjoining a lake, and which during ordinary high water is filled by the overflow of the lake, and into which fish go from the waters of the lake for the purpose of spawning, is private water from which the owner of the land through which the ditch is excavated may take fish during the closed season. These questions will be considered in the order stated.

First. Section 2539 of the code, as amended by the acts of the twenty-ninth general assembly, provides:

“Any seine, net, trap and contrivance, matter and substance whatever while in use or had and maintained for the purpose of catching, taking, killing, trapping or deceiving any fish, birds or animals contrary to any of the provisions of this chapter, is hereby declared to be and is a public nuisance; and it shall be the duty of the fish and game warden, sheriffs, constables and police officers of the state, without warrant or process, to take or seize any and all of the same, and abate and destroy any and all of the same without warrant or process, and no liability shall be incurred to the owner or any other person for such seizure and destruction, and said warden or his regularly constituted deputies or other peace officers as hereinbefore named, shall be released from all liability to any person or persons whomsoever for any act done or committed or property seized or destroyed under or by virtue of this act”.

Under the provisions of this section, any contrivance which is used for the purpose of killing fish in violation of the provisions of chapter 15 of the code is declared to be a nuisance, and it is the duty of the fish and game warden, any sheriff, constable or police officer of the state, without warrant or process, to seize and destroy such contrivance and abate the nuisance.

The question therefore arises whether a gun may be fairly said to be a contrivance within the meaning of the statute. Webster defines a contrivance as: “A thing contrived, invented or planned”. A gun is certainly a thing invented, planned and contrived, and if used in violation of the provisions of the chapter referred to, it comes within the provisions of section 2539 of the code, and is by that section declared to be a nuisance which may be taken by the game warden or peace officers of the state, condemned and destroyed.

Second. Section 2545 of the code provides:

“Persons who raise or propagate fish upon their own premises, or who own premises on which there are waters having no natural inlet or outlet through which such waters may become stocked or replenished with fish, are the owners of the fish therein and may take them as they see fit, or permit the same to be done.”

The question presented is whether a ditch which is constructed in such manner that it connects with the waters of a lake, and thus furnishes an opportunity for fish to enter such ditch from the lake and follow the same to the lands of the person claiming the right to take them during the closed season, falls within the definition of section 2545 of the code, defining private waters from which fish may be taken by the owner thereof.

The purpose of the statute quoted is to permit persons owning isolated waters which are in no wise connected with the public waters of the state to raise and propagate fish in such private waters, and to take them as they see fit. Whenever such waters are connected with the public waters of the state by a natural outlet through which fish go from the public waters into the waters which are claimed as private, such waters cannot be held to be private waters within the meaning of the statute.

In one sense an artificial ditch may not be a natural outlet or inlet connecting private and public waters; but under the provision of section 2545 above quoted such a ditch must be held to be a natural outlet as defined by said section, as the intent of the legislature clearly was to exclude only such private waters from the provisions of the fish and game law as may not be stocked or replenished with fish passing from the public waters into the same.

When, therefore, a ditch is constructed connecting what may have otherwise been private waters with the public waters of the state, a natural passage is created by which

fish may pass from the public waters to those claimed as private, and the private character of such waters is at once lost. They thereby become directly connected with the public waters of the state and an outlet or inlet is thus created through which fish may pass back and forth without artificial aid.

It can no longer be said that such water is an isolated body of water which may not be replenished or stocked with fish passing through such ditch from the public waters of the state. Such outlet or inlet for that reason must be held to be a natural outlet from the private waters through which fish may pass and repass between the public waters and those claimed by the owner of the land.

In other words, a natural outlet or inlet between private and public waters must be held under the statute to be such an outlet or inlet as permits fish to pass naturally and without artificial aid from the public waters of the state to those claimed to be private. If such an outlet or inlet exists, then the waters so connected with the public waters of the state are no longer private, and fish cannot be taken therefrom during the closed season by the owner of the land or by any other person.

I am,

Yours respectfully,

CHAS. W. MULLAN,

Attorney-General of Iowa.

FISH AND GAME LAW—JACK SNIPE NOT PROTECTED BY THE GAME LAW—The bird commonly called Jack Snipe does not fall within the general class "Marsh or beach bird" and as it is not specifically mentioned in the statute, it is not protected by the game laws of this state.

Des Moines, April 26, 1904.

HON. GEO. A. LINCOLN,
Fish and Game Warden,
Cedar Rapids, Iowa.

DEAR SIR—I am in receipt of your favor of the 23d instant, asking my opinion whether "Jack Snipe" are now protected by the game law of the state.

I take it that the bird referred to by you is the Wilson snipe (*gallinago Wilsoni*), popularly known to sportsmen as "Jack Snipe".

An examination of the provisions of the game laws of the state fails to disclose any provision made for the protection of this bird. Section 2551 of the code, as amended, provides:

"No person shall trap, shoot or kill any pinnated grouse or prairie chicken between the first day of December and the first day of September next following; any woodcock, between the first day of January and the tenth day of July, any ruffed grouse or pheasant, wild turkey or quail between the first day of January and the first day of November; any wild duck, goose or brant, rail, plover, sand piper and marsh or beach bird between the fifteenth day of April and the first day of September."

The question which arises under this section is, whether the words "marsh or beach bird" refer to and include Wilson snipe. The statute under consideration is penal in its character and must, therefore, be strictly construed; that is, it must be read without expansion beyond its letter and confined to such subjects as are obviously within its terms and purpose. That is, there must be a close and conservative adherence to the literal or textual

interpretation. It cannot be regarded as including anything which is not within the letter as well as within the spirit, or which is not clearly and intelligibly described in the very words of the statute as well as manifestly intended by the legislature. Its provisions cannot be extended by implication or made to embrace cases not within the letter, though within the reason and policy of the law.

Under this fundamental rule of interpretation the statute cannot be extended by mere implication to cover any act not expressly prohibited by the words of the statute, and to constitute an offense the act must be both within the letter and the spirit of the statute defining it.

Is the Wilson snipe included with the birds designated by the statute "marsh or beach birds"? A reference to the standard authorities on ornithology fails to disclose that the Wilson snipe is ever designated by such terms. Dr. Coues in his "Key to North American Birds" names a number of birds to which the word "marsh" is prefixed, namely: Marsh black bird, marsh hawk, marsh hen, marsh owl, marsh robin, marsh tern, marsh wren, and others, but no such appellation is anywhere given the Wilson snipe. It is a well known game bird and is described in the work referred to as frequenting open wet places throughout the North American Continent. It is a bird so well known that it would have been specifically named in the statute if the legislature had intended that it should be included with other game birds which are protected during the closed season. It does not fall within the general phrase "marsh or beach bird", nor is it specifically named in the statute.

It is suggested that the killing of Wilson snipe may be prohibited by section 2561 of the code, which provides:

"No person shall destroy the nests or eggs of or catch, take, kill or have in possession or under control for any purpose whatever, except specimens for use of taxidermists, at any time, any whip-poor-will,

night hawk, blue bird, finch, thrush, linnet, lark, wren, martin, swallow, bobolink, robin, turtle dove, cat bird, snow bird, black bird, or any other harmless birds, except blue jays and English sparrows."

The suggestion is that the phrase "or any other harmless birds" includes Wilson snipe. For obvious reasons no such interpretation can be given this statute. The Wilson snipe, as has been suggested, is a well known game bird and is highly esteemed as an article of food. The phrase "or other harmless birds" under the rules of statutory construction must be held to apply to birds of the character previously named in the section; that is, the birds named and birds *ejusdem generis* are covered by the statute which prohibits their being killed at any time. Wilson snipe, for the reason named, do not fall within the class of birds named in the statute and therefore not included in the phrase "or other harmless birds".

The conclusion must, therefore, be reached that the Wilson snipe is not protected by the present game laws of the state.

In this connection it is not improper for me to say that in my opinion they should be protected and that the open season during which they may be killed should be from the first day of September to the first day of May following. It is migratory in its habits, breeding in the northern portion of the North American Continent, and going to the southern portion and to the South American Continent during the winter season.

I am,

Yours respectfully,

CHAS. W. MULLAN,
Attorney-General of Iowa.

TAXATION—PENALTY ON DELINQUENT TAXES—The first installment of public taxes must be paid before April 1st in order to avoid the one per cent penalty provided by law. If the tax is not paid before the first day of May, an additional one per cent penalty may be collected, and on and after the first day of each month thereafter, so long as the taxes remain unpaid.

Des Moines, April 28, 1904.

HON. J. M. BLAKE,
Webster City, Iowa.

DEAR SIR—I am in receipt of your favor of the 26th instant asking my opinion as to the construction of section 1413 of the code relating to the penalty on delinquent taxes. The questions as to which my opinion is requested are—

“First. If one-half the taxes are not paid by April first, does the penalty attach from March first?

“Second. When does the penalty attach for April? Is it on the first day of the month or not till the first day of May?”

As the questions submitted refer to a matter of general interest throughout the state, I submit the following opinion as to the construction of the statute.

The provisions of the section referred to are:

“If the first installment of taxes shall not be paid by April first, the whole shall become due and draw interest as a penalty of one per cent per month until paid, from the first of March following the levy; * *

The word “by” as used in the phrase “by April first” is a word of exclusion and requires the first installment of taxes to be paid before April first to avoid the penalty of one per cent which should be charged and collected if not paid by that date; that is, the one per cent penalty for March should be charged and collected if the taxes are paid at any time during the month of April. This penalty is imposed because of the failure of the taxpayer

to pay the first installment of his taxes during the month of March, and the failure to do so causes the whole of his tax to become delinquent. If the tax is not paid before the first day of May, an additional one per cent should be charged and collected on and after May first, as a penalty for the failure to pay during the month of April; and an additional penalty of one per cent should be charged and collected on and after the first day of each month thereafter as long as the taxes remain unpaid.

I may here add that the question has arisen in the office of the treasurer of state as to whether fractional parts of a month should be considered in computing the penalty for the non-payment of delinquent taxes, and I have reached the conclusion that it was not the intention of the legislature that any fractional part of a month should be considered in determining the amount of such penalty; that the one per cent penalty for each month should be charged and collected on the first day of each succeeding month as long as the taxes remain delinquent and unpaid.

Yours very truly,

CHAS. W. MULLAN,
Attorney-General of Iowa.

TAXATION—SHARES OF NATIONAL BANK STOCK—Shares of National Banks are credits, and the individual owner may deduct from the cash value thereof when assessed for taxation, the amount of his valid debts.

Des Moines, April 29, 1904.

HON. N. J. LEE,
Estherville, Iowa.

DEAR SIR—I am in receipt of your favor of the 26th instant, and while I somewhat doubt the propriety of my expressing an opinion upon the question of the right of a shareholder of a national bank to deduct his indebtedness

from the assessment made upon the shares of his stock, I will, as matter of courtesy to you, make the following suggestions:

In *Primghar State Bank v. Rearick*, 96 Iowa, 242, it is held (Subdivision II of the opinion), that the shares of national banks are credits within the meaning of section 814 of the code, from which the owner is entitled to deduct the debts which he is in good faith owing, following *First National Bank of Albia v. City of Albia*, 86 Iowa, 34.

The same rule is laid down in *National Bank v. Hoffman*, 93 Iowa, 122, in which it is said:

“A stockholder in a national bank cannot be taxed upon his stock at a greater ‘rate than is assessed on other moneyed capital in the hands of individuals.’ Code, section 818. This authorizes the stockholder to deduct from the cash value of his stock the amount of his valid debts. Code, section 814, citing *First National Bank v. City Council of Albia*, 86 Iowa, 34; *People v. Weaver*, 100 U. S., 539.”

Section 5219 of the Revised Statutes of the United States, under which authority is given to the states by act of Congress to tax the shares of national banks, provides:

“But the legislature of each state may determine and direct the manner and place of taxing all the shares of national banking associations located within the state, subject only to two restrictions, that the taxation shall not be at a greater rate than is assessed upon other moneyed capital in the hands of individual citizens of such state, and that the shares of any national banking association owned by non-residents of any state shall be taxed in the city or town where the bank is located and not elsewhere.”

This fixes the character of shares of national banks for assessment and taxation as moneyed capital in the hands of individual citizens.

Section 814 of the code of 1873, under which the decisions of this state above referred to were rendered, is

in substance re-enacted in the present code as section 1311. That section provides:

"In making up the amount of money or credits which any person is required to list or to have listed or assessed, * * * he will be entitled to deduct from the actual value thereof the gross amount of all debts in good faith owing by him * * *."

The construction given the provisions of this statute by the federal courts is the same as that of the state court, and in the case of *Richards v. Incorporated Town of Rock Rapids*, 31 Fed. Rep., 512, Judge Shiras said:

"It is ruled that where state laws permit the individual citizens to deduct their just debts from the valuation of their personal property and from the sum of their moneys and credits, this right of deduction exists in favor of the owners of shares of national banks, as a refusal to allow it would operate to tax the latter at a greater rate than other moneyed capital."

Under these decisions it would appear to be conclusively settled that shares of national banks are to be taxed as moneys and credits under our statute, and that the individual shareholder has the right to deduct from the value thereof any valid debt owing by him.

I am,

Yours very truly,

CHAS. W. MULLAN,
Attorney-General of Iowa.

GAME LAW—Venue of Action in Prosecution for Illegal Shipment of Game.

Des Moines, May 2, 1904.

HON. GEO. A. LINCOLN,
Fish and Game Warden,
Cedar Rapids, Iowa.

DEAR SIR—I am in receipt of your favor of the 29th ultimo, in which you request my opinion upon two questions:

"*First.* If a party in Clinton, Iowa, who is a dealer in game, should ship to a party in Des Moines,

Iowa, a number of ducks by express, does the delivery to the express company constitute a delivery to the purchaser, and could the party at Clinton so shipping be arrested under the jurisdiction of Polk county?

"*Second.* If the same party should ship game birds in the same manner, without a purchase from the party in Des Moines, but sent by express, and the price made after the birds were received by the party in Des Moines, can a suit be brought in Polk county against the shipper who lives in Clinton county?"

The first question is of very easy solution. It is a well settled rule of law that the delivery of goods or property by a vendor or a consignor to a common carrier, to be by it transported and delivered to the purchaser or consignee, is a delivery to such purchaser or consignee. In the case outlined by your question, the sale and delivery were made in Clinton county, as the entire transaction took place there, so far as the sale and delivery of the ducks are concerned, and the person making such sale and delivery to the common carrier must, in my opinion, be prosecuted in Clinton county, and not in Polk.

The second question is of less easy solution, as the right to maintain an action in Polk county against the vendor or consignor might depend upon other facts. If there was an understanding between the consignor and the consignee that game should be shipped from Clinton to Des Moines, and the consignee should pay for the same after it was received a price which was to be thereafter agreed upon between the consignor and the consignee, the sale would be consummated at the place where the birds were delivered to the common carrier, and a prosecution could only be maintained in that jurisdiction. If, however, the birds were delivered to a common carrier without any contract or understanding between the consignor and the consignee that the consignee should take the same or pay any price therefor, there would be an absence of any contract of purchase which would make the delivery of the birds

to the common carrier in Clinton county a delivery to the consignee. In such case the common carrier would be the agent of the consignor, and when the birds were delivered to the consignee in Polk county, such delivery would be a delivery by the consignor through his agent, and I think the courts of Polk county would have jurisdiction to try the offense.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

PUBLIC SCHOOLS—LOCATION OF SCHOOL HOUSE SITE—A school board may not purchase a school house site and locate a school house thereon if such site is not upon an established highway.

SIR—I am in receipt of your favor of the 3d instant, requesting my opinion as to whether a school board may purchase a school house site and locate a school house thereon, if such site is not upon an established public highway.

Section 2814 of the code provides:

“Any school corporation may take and hold so much real estate as may be required for school house sites, for the location or construction thereon of school houses, and the convenient use thereof, but not to exceed one acre, except in a city or incorporated town it may include one block exclusive of the street or highway, as the case may be, for any one site, unless by the owner’s consent, which site must be upon some public road already established or procured by the board of directors, * * * .”

This section confers upon the school corporation the right to purchase, acquire by condemnatory proceedings, and to take and hold real estate for schoolhouse sites. The express provision of the statute is that such sites must be upon some public road already established or procured by the board of directors. Under the provisions

of the statute quoted, a school corporation has no power to take by purchase, condemnatory proceedings or otherwise, real estate for a schoolhouse site unless such site is upon some public road already established or procured.

The following section, 2815, provides that if the owner of the real estate desired for schoolhouse site refuses or neglects to convey the same, it may be condemned and taken by the school corporation under the right of eminent domain; but the provisions of this section in no wise alter or change those of section 2814, and no schoolhouse site can be taken by a school corporation, either by purchase or by condemnatory proceedings, unless it is upon a public highway.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General.

HON. JOHN F. RIGGS,

Superintendent of Public Instruction.

MEANDERED LAKE BEDS—DRAINAGE AND SALE OF—ACT OF THIRTIETH GENERAL ASSEMBLY CONSTRUED—The executive council is authorized by statute to determine when any meander lake bed, shall, in the interest of the public be sold, drained and improved.

SIR—Complying with your request for a construction of the act of the thirtieth general assembly relating to the meander lake beds of the state, and as to the interpretation which must be given the proviso contained in section 7 of the act, I beg to submit the following opinion:

To determine how far the provisions of the entire act are modified by the proviso in section 7, it is necessary to first ascertain the purpose of the act. Such purpose is fairly stated in section 1 in these words:

“The executive council of the state is hereby authorized and empowered to survey the meandered lakes and lake beds within this state, and to lease or

sell the same as hereinafter provided, and to determine what lakes shall be maintained as the property of the state and what meandered lake beds belonging to the state may be drained, improved, demised or sold.”

The primary object of the act, therefore, is—

First. To authorize the executive council to determine what lakes shall be maintained and preserved as the property of the state for the benefit of the general public; and,

Second. To permit such lakes as are not to be maintained and preserved as inland bodies of water, to be drained, improved and sold.

Sections 2, 3 and 4 provide the manner in which the executive council shall proceed to ascertain and determine what lakes shall be maintained and preserved, and what lake beds may be drained and sold by the state.

The sale of any meandered lake bed which should not be preserved and maintained for the benefit of the public as an inland body of water, when such fact has been determined by the executive council under the provisions of the act, is authorized by section 5, and authority is given under that section to execute and deliver to the purchaser of the land composing such lake bed, a deed or patent therefor. The section further provides that no sale of any lands composing any of the lake beds of the state shall be made by the executive council until a complete survey thereof has been made and the same subdivided to correspond with the government subdivisions of public lands.

Section 6 provides for the appraisement of the lands composing the meandered lake beds, which may be sold by the executive council, and for the return of the report of such appraisement to the governor.

Under the provisions of these sections of the act, it is the duty of the executive council, whenever a statement is presented to it setting forth that any meandered lake or lake bed in any county in the state is detrimental to

the public health, or the general welfare of the citizens of the county, and that it is unwise to maintain such meandered lake or lake bed as a permanent body of water, and that the interest of the state will be subserved by draining and improving the same, to take the steps therein provided for the purpose of determining whether such lake shall be preserved, or drained and improved. When the council has determined that question, if it is of the opinion that the lake ought not to be preserved, and that the general welfare and interest of the people of the state will be subserved by draining and improving its bed, it must cause the same to be appraised by a commission appointed by the governor as provided in section 6, and after the report of the appraisers has been received and filed in the office of the secretary of state, such lake bed may be sold and conveyed in the manner provided by section 7 of the act.

The question whether any meandered lake bed in the state shall be sold and conveyed by the executive council, must be determined upon the facts disclosed by the examination, survey and report provided for in the act; and the executive council has no power thereunder to sell or otherwise dispose of any meandered lake bed until it shall find and determine that the interest and welfare of the general public and the state will be subserved by the selling, draining and improving of the particular lake bed under consideration; that is, each particular case involving the question of the preservation of a lake for the benefit of the public, or of the draining of a meandered lake bed and the selling of the land composing the same, must stand upon its own merits as disclosed in the proceedings by which the question is determined.

If upon the final hearing of the case it shall be determined by the executive council that the meandered lake bed involved in the proceedings is one which should be

sold and drained under the provisions of the act, the executive council is then authorized and empowered, under section 7, to sell and dispose of the same in the manner prescribed in that section.

The proviso referred to is a part of section 7, and is in these words:

“Provided, however, that in any case where it is made to appear to the executive council by a duly certified copy of the deed, certified to by the recorder of deeds and the county auditor of the county in which the lake or lake bed is situated, and by the sworn statement of the present owner, that the board of supervisors of the county in which such lake or lake bed is situated has heretofore, in good faith, sold and conveyed by deed, any lake or lake bed in such deed named, specified and described, to a bona fide purchaser who has paid to the county the reasonable value of such lake or lake bed, and who has heretofore paid taxes or made valuable improvements in such lake bed; then and in such case the governor shall execute, or cause to be executed, to the county in which such lake or lake bed is situated, a deed or patent, under the seal of the state, conveying to said county all the right, title and interest of the state of Iowa in and to such lake or lake bed, and the title so conveyed shall enure to the grantee of such lake or lake bed holding the same under title derived from the county in which such lake or lake bed is situated, in the manner in this section provided.”

The natural and appropriate office of a proviso is to restrain or qualify some preceding matter, and it is confined to what precedes it unless it clearly appears to have been intended to apply to some other matter. It is to be construed in connection with the section of which it forms a part, and as substantially an exception to the provisions of that particular section, and it does not apply to the provisions of other sections of the act, unless the intent that it should so apply clearly appears. And it has been held that it should be construed with reference to the immediately preceding parts of the clause to which it is attached.

Pearce v. Bank of Mobile, 33 Ala., 693;
Bank for Savings v. Collector, 3 Wall., 495;
Savings Bank v. United States, 19 Wall., 227;
Callaway v. Harding, 23 Gratt, 547;
Partington, Ex parte, 6 Q. B., 653;
Spring v. Collector, 78 Ill., 101;
Rex v. Newark-upon-Trent, 3 B. & C., 71;
Lehigh County v. Meyer, 102 Pa. St., 479.

These are well settled rules of statutory construction, and unless it appears from the provisions of the act that it was the intent of the legislature that the proviso contained in section 7 should apply to the provisions of the preceding sections, it must be held to qualify the provisions of that section only. Section 7 authorizes the sale of a meandered lake bed by the executive council, after it has been determined that such lake bed is of such character that the welfare of the public and the state will be subserved by its drainage and improvement.

The language of the proviso itself, as well as the context, clearly indicates that it was not the intention of the legislature to qualify the previous sections of the act by such proviso. The proviso itself declares that any conveyance of land thereunder shall be in the manner provided by section 7, and no sale or conveyance can be made under that section until all of the previous provisions of the act have been complied with.

The construction which must be placed upon the entire act is that, when in a case made before the executive council, it is found that the lake bed under consideration is one which, in the interest of the general public, should be sold, drained and improved, a bona fide purchaser thereof from the county in which such lake bed is situated, who has paid a valuable consideration therefor, and has paid taxes and made improvements thereon, upon the presentation of the proof of such facts in the manner provided by section 7, is entitled to have such lake bed conveyed by the state to the county in which it is situated, but is

not entitled to have the same so conveyed until the executive council has determined that such lake bed should, in the interest of the republic, be sold, drained and improved.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

May 11, 1904.

HON. ALBERT B. CUMMINS,

Governor of Iowa.

CORPORATION STOCK—SUBSCRIPTION TO CAPITAL STOCK—A subscriber to the capital stock of a corporation may anticipate a "call" from the directors by paying the amount thereof to the proper officers.

SIR—Complying with your request of the 19th ultimo for an opinion as to the right of a stockholder of a corporation to pay any portion of his stock subscription to the corporation when no call has been made therefor by the directors, and whether if such stock subscription is paid by the stockholder, it is a part of the capital stock of the corporation, I beg to submit the following:

It is a general rule of law that a call must be made in order to render a subscription to the capital stock of a corporation, or any part thereof, due and payable to such corporation. A contract of subscription is a promise to pay at such times and in such amounts as may be designated by the corporate authorities in a formal declaration known as a "call". It is an agreement to pay money at a future time, which must be fixed by a call of the proper officers of the corporation.

There is no rule of law, however, which prevents a subscriber to the capital stock of a corporation from anticipating a call upon his subscription by paying the amount thereof to the proper officers of the corporation.

The purpose of a call for unpaid stock subscriptions is to fix the time when they become due, and to give to the

corporation a legal right to enforce payment. The liability of a subscriber to the capital stock of a corporation is the same as that of any other person who owes a debt which is payable in money and which has not yet become due. No legal or equitable reason exists why such a debtor may not pay his indebtedness before it matures, and relieve himself from the obligation, if the creditor is willing to receive such payment.

In *Marsh v. Burrows, I Woods*, 468, it is said:

“It is contended that the unpaid subscriptions of capital stock are not assets for the payment of debts, either legal or equitable; that they exist merely as possibilities; that they are not a debt due, having never been called in; that no one can call them in but the directors; and in them it is a mere discretionary power which cannot be exercised either by the assignee, the receiver, or the court itself, and cannot be assigned; that said unpaid subscriptions are no part of the capital stock of the bank; and that the real capital stock is what has been called in, namely: \$535,000, and not \$2,000,000.

“This position may be somewhat plausible, but is not sound. It is not a mere power vested in the bank to make further calls. It is a right; and where a debtor has such a right and does not choose to exercise it, equity, at the instance of creditors, will exercise it for him. When a stockholder subscribes stock and his subscription is accepted, it is not only the right of the bank to call in the money, but it is the right of the stockholder to pay it. The mode of calling it in, prescribed by the charter, is a mere form of remedy given to the bank to enforce the subscription, usually followed by forfeiture for non-payment, if the bank so chooses. But the stockholder is not obliged to wait until a call is made upon him. He may pay at any time; and if the business of the bank were very profitable, no doubt he would avail himself of the opportunity. Such a right cannot be described as a mere power on the part of the bank, to be exercised or not, as it chooses, and dependent for its existence on the personal discretion of the directors.”

The doctrine announced in *Marsh v. Burrows* finds support in the following authorities:

Pool's Case, L. R., Ch. Div., 322 (1878);
Barge's Case, L. R., 5th Eq., 420;
Admondson's Case, L. R., 18th Eq. Cas., 670;
Lock v. Queensland, etc., Co., A. C., 461 (1896).

Unpaid subscriptions of the capital stock of a corporation are, at least after a call has been made, assets of the company and a part of its actual capital, which are available to carry on its business or meet its liabilities; and when actual payment has been made in anticipation of a call, the amount paid becomes at once a part of the paid up capital stock of the company, and the obligation of the subscriber is to that extent discharged.

The statute requiring notes given for the unpaid portion of a subscription to the capital stock of a life insurance company organized under chapter 6 of Title IX of the code, does not change the right of the corporation to call for a payment of such subscription at any time when the board of directors may deem it to the best interest of the company; nor does it change the right of the subscriber to the stock of such company to pay the amount of his subscription to the company before a call is made therefor; and when the amount of such subscription is so paid and accepted by the company, it becomes a part of the paid up capital stock, and the subscriber is released from any further liability upon his subscription.

It is therefore within the power of a subscriber to the capital stock of an insurance company organized under chapter 6 of Title IX of the code, to pay the amount of his subscription, although no call has been made by the corporation, and upon such payment he is entitled to have the same endorsed upon his note deposited with the audi-

tor, or the note surrendered to him if the payment is in full satisfaction of the amount thereof.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

June 7, 1904.

HON. B. F. CARROLL,

Auditor of State.

INSURANCE—KINDS OF SECURITIES THAT LIFE INSURANCE COMPANIES MAY DEPOSIT WITH AUDITOR OF STATE—It is held that the bonds issued by the Sanitary District of Chicago do not fall within either of the classes of securities designated by statute, which may be accepted by the Auditor of State to secure the fulfillment of any condition in the policies of any life insurance company offering the same.

SIRS—Complying with the request transmitted to me by your secretary, Mr. A. H. Davison, for an opinion whether bonds issued by the Sanitary District of Chicago, Cook county, Illinois, under the laws of that state, are such securities as the funds of a life insurance company transacting business in this state may be invested in, and which may be deposited with the auditor of state for the purpose of securing the fulfillment of its contracts, I beg to submit the following:

Section 1806 of the code provides:

“The funds required by law to be deposited with the auditor of state by any company or association contemplated in the two chapters preceding, and the funds or accumulations of any such company or association organized under the laws of this state, held in trust for the purpose of fulfilling any contract in its policies or certificates, shall be invested in the following described securities and no other.”

Following this is a particular description of the character of securities in which insurance companies may invest their funds. Such securities are divided into six classes, viz.:

1.—The bonds of the United States.

2.—The bonds of the state or of any other state when such bonds are above par.

3.—Bonds and mortgages and other interest bearing securities being first liens upon real estate within the state or any other state in which such company or association is transacting an insurance business, worth at least double the amount loaned thereon, and secured thereby exclusive of improvements. * * *

4.—Bonds or other evidences of indebtedness of any county, city, town or school district within the state, or any other state in which such company is transacting an insurance business, where such bonds or other evidences of indebtedness are issued by authority of and according to law, and bearing interest, and are approved by the executive council.

5.—In the stock of solvent national banks organized under the laws of the United States. * * *

6.—Loans upon its own policies in an amount not exceeding the net terminal reserve. * * *

The question here presented for determination is whether bonds issued by the sanitary district of Chicago fall within either of the classes named in the statute. If they do, they may be approved by the executive council and accepted by the auditor of state; if they do not, they cannot be approved by the executive council or accepted by the auditor, no matter what their value as securities may be, for the reason that the statute has specifically defined the kind of securities in which the funds of insurance companies in this state may be invested, and declared that they shall be invested in no other.

An examination of the statutes of Illinois declares that in 1899 the state was divided into sanitary districts, and the city of Chicago was made one of such districts. Each of the districts was made a body corporate with power to sue and be sued, contract and be contracted with, acquire and hold real and personal property necessary for corporate purposes, to borrow money for corporate purposes and issue bonds therefor, and to perform such acts as are usually performed by municipal corporations.

The constitutionality of the act has been upheld by the supreme court of Illinois, and the bonds issued thereunder have been held to be valid. Such bonds are, however, the bonds of a sanitary district of the state of Illinois. They are not the bonds of the city of Chicago, or of any city or town within the state of Illinois. The business and affairs of the sanitary district are managed and controlled by trustees elected by the electors of the district, and the bonds are issued by such trustees and not by the municipal authorities of the city. They cannot in any sense be said to be city bonds, and do not therefore fall within the class of securities in which insurance companies doing business in this state may invest their funds.

An investigation of the nature and character of these bonds leads me to the conclusion that they are valid securities of a high class, and that they are now worth more than their par value; and if the statute did not strictly limit the kind and character of securities in which insurance companies may invest their funds, I would recommend that such bonds be approved by the executive council and accepted by the auditor of state; but as they do not fall within either of the classes of securities designated by statute, they cannot, in my opinion, be approved by the executive council or accepted by the auditor of state for the purpose of securing the fulfillment

of any contract in the policies or certificates of the insurance company offering the same.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

June 29, 1904.

TO THE HONORABLE EXECUTIVE COUNCIL
of the State of Iowa.

COMMON CARRIERS—DEMURRAGE CHARGES UNDER RULES OF
THE WESTERN CAR SERVICE ASSOCIATION—Legal Principles
Applicable thereto.

SIRS—Complying with your request I beg to submit the following opinion upon the questions referred by you to me, viz.:

1. Can the Car Service Association or the railroad companies for which it assumes to act in any case legally charge and collect from the institutions under our control demurrage on account of cars that are not unloaded within forty-eight hours after notice is received by the consignee from the railroad company that the cars have been placed upon the unloading track?

2. Does the right to exact demurrage exist regardless of the condition of the highways over which the contents of unloaded cars must be hauled to the institution?

3. Section 1 of Rule 6 of the Western Car Service Association (under which the demurrage charges in controversy were made) provides in substance: (a) That the agent of the railroad company must collect demurrage daily as it accrues. (b) That the agent must hold the cars until payment is made. Are these provisions in conflict with the act creating this Board which provides the time and the manner in which debts of or claims against the institutions must be paid?

4. If the railroad company seeking to collect demurrage has not given the institution or its chief executive officer notice of the adoption by it of the rules of the Car Service Association, or of the adoption of any rule by it requiring the payment of demurrage, can said railroad company legally charge or collect demurrage from an institution?

5. When neither a consignee institution nor its chief executive officer has been notified of the adoption of a rule by the railroad company requiring the payment of demurrage on cars not unloaded until after the expiration of forty-eight hours, can said company legally make a demurrage charge?

6. Is a postal card notice, like that enclosed, which announces the arrival of a car at the station but does not indicate when the car will be placed upon the unloading track sufficient notice upon which to base a demurrage charge? And would it be so where, as in case of the Iowa School for the Deaf, the unloading track is a switch situated a considerable distance from the city of Council Bluffs and the freight is paid in advance for placing the cars on this unloading track?

7. Bearing in mind that the unloading track for the Iowa School for the Deaf is situated at a point a considerable distance from the city of Council Bluffs, and much nearer the institution than is the city, and noting that by Rule 2 of the Car Service Association, as amended, cars of coal are held in the city yards of the railroad companies for seventy-two hours before any demurrage charge can be made,—if a car of coal consigned to the Iowa School for the Deaf is at once on its arrival in the city yards switched out to and placed upon the unloading track for this institution, and demurrage charged if it is not unloaded within forty-eight hours, is such charge an unjust and illegal discrimination under the law, and in such a case is the institution entitled to the seventy-two

hours after the car is placed upon the unloading track in which to unload it before any demurrage charge can be legally made?

8. If an institution orders from a consignor a certain number of cars of coal a day, and if such number of cars and no more are delivered to the railroad company for shipment, and if the railroad company for its own convenience bunches the shipment for two or more days together, and delivers all on the unloading track of the consignee at one time, and any of these cars remain unloaded for more than forty-eight hours, can the railroad company make such act the basis for charging demurrage?

9. If demurrage is legally due on cars consigned to an institution, has the railroad company transporting such cars, or its agent, or agents, the legal right to exact that payment of such demurrage be made otherwise than as the law provides for the payment of claims against the institution generally, and upon failure of the consignee to comply has it the right to take away any such car or cars or in any way to prevent the proper officers of the institution from having the same unloaded for the use of the institution? And if it or its agents threaten so to do may it or they or both be enjoined from so doing?

10. Do the provisions of chapter 118, acts of the twenty-seventh general assembly, particularly section number 40, providing the time and method of paying for supplies for the several institutions, apply and control as to the payment of freight and demurrage charges, express, telegraph and telephone bills?

First. Under the laws of this state railroad companies are quasi-public corporations, and may be regarded as public agencies discharging duties in which the public is interested. Upon the payment or tender of the legal freight or fare, such companies are required to furnish cars and transport freight and passengers within a

reasonable time, and a failure to do so subjects them to liability for damages. They must receive and transport cars loaded and unloaded over their lines, and in doing so assume the liability of a common carrier, both as to such cars and freight. In the receipt, transportation and delivery of freight they bear two well recognized relations.

While the freight received by them is in transit, and until it is delivered at the place of destination in such a position that it can safely and with a reasonable degree of convenience be unloaded by the consignee, they owe the duties and are held to the liability of common carriers. When, however, a car containing freight is delivered to the consignee and is placed in such a position at the place of destination that it can be safely and with a reasonable degree of convenience unloaded, their liability as common carriers ceases and that of warehousemen attaches.

Ind. Mill Co. v. B., C. R. & N. R. Co., 72 Iowa, 535;
Merchants Dispatch Trans. Co. v. Halleck, 64 Ill.,
284;
Gregg v. Ill. Cent. R. R. Co., 147 Ill., 550.

It is a well settled rule of law that the carrier, in addition to its compensation for the carriage of goods, has the right to charge for their storage and keeping as a warehouseman, for whatever time they remain in the custody of the carrier after reasonable opportunity has been afforded the consignee to remove them.

The carrier's duty ends with the transportation of the car and its delivery to the customer in such a position at the place of destination that it can be safely and with a reasonable degree of convenience unloaded. No further service is embraced in the contract between the consignor and the carrier, and no reason exists why the carrier is not entitled to charge for the use of its cars for storage purposes, as it would for the use of a warehouse if the goods were stored therein.

There is no law which inhibits the use of cars for storage purposes, or which requires the unloading and removal of goods to some other structure before any charge for storage can be made thereon. In many cases the storage of commodities in cars may serve the consignee's interest and convenience much better than to have the goods unloaded and stored in a warehouse. The car may be placed convenient to his own place of business where it may be unloaded, either by himself or by purchasers of the goods as the same are sold, thus saving drayage and other expenses.

If a consignee, whose duty it is to unload, and who, failing to do so within a reasonable time after the car is placed in such a position that it can safely and with a reasonable degree of convenience be unloaded, accepts the benefit of storage by requesting or permitting the carrier to continue holding the car unloaded in service and subject to his will and convenience as to time of unloading, he cannot be heard to complain of the method of storage, and to deny the right of any compensation for such service. He may insist that he have a reasonable time, after the car is placed in such a position that it can be safely and with a reasonable degree of convenience unloaded, within which to unload the same, and that the rate of charges fixed and required to be paid for the lapse of such reasonable time shall not be unreasonable or excessive; but he cannot dispute the right of the carrier to require the payment of reasonable storage charges.

In *Miller v. Mansfield*, 112 Mass., 260, it is said:

"It is not material that the goods remained in the cars instead of being put into a storehouse."

In speaking of the right of railway companies to collect demurrage charges, Mr. Elliott in his work on Railways (sec. 1567), says:

"But while it is probably true that this right is derived by analogy from the maritime law as administered in America, the more recent authorities have

almost unanimously upheld the right of railroad companies to make demurrage charges in proper cases. As said by one of the courts, 'We see no satisfactory reason why carriers by railroads should not be entitled to compensation for the unreasonable delay or detention of their vehicles, as well as carriers by sea.' After a carrier has completed its services as such, it has a right to charge extra compensation for storing the goods in a warehouse and keeping them after the consignee has had a reasonable time in which to remove them. Why, then, when its duties as a carrier have been performed and a reasonable time has elapsed, is it not as much entitled to additional compensation for the use of its cars and tracks as for the use of its warehouse? Certainly a customer whose duty it is to unload, or who unreasonably delays the unloading of a car for his own benefit, ought not to complain if he is made to pay a reasonable sum for the unreasonable delay caused by his own act. But this is not all: The public interests also require that cars should not be unreasonably detained in this way."

The rule of law announced by Mr. Elliott has support in the following adjudicated cases:

Miller v. Georgia R. R. Co., 88 Ga., 563;
Norfolk & Western R. R. Co. v. Adams, 90 Va., 393;
Darlington v. Mo. Pac. R. R. Co., 72 S. W., 122;
Interstate Com. Com. v. D. G. H. & M. Ry. Co., 74 Fed. Rep., 803;
Am. Warehouse Ass'n v. Ill. Cent. R. R. Co., 7 Interstate Com. Report, 556.

In *Schumacher v. Chicago & NorthWestern Ry. Co.*, 207 Ill., 199, it is said:

"The correct rule must be that the consignee shall have a reasonable time after having knowledge of the arrival of his freight to get the necessary help and means to remove the same."

The Western Car Service Association, which seeks to collect demurrage in the case under consideration, is an agency of the railways, established to keep account of

claims so arising and to enforce the collection thereof. The objection that the establishment of such an agency, and the enforcement of the collection of demurrage charges, would be invalid because in restraint of trade, has been suggested and urged in some of the courts where the right to collect such demurrage charges has been contested. Such action upon the part of the railway companies cannot, however, upon any theory, be said to be in restraint of trade or commerce.

The end sought by the enforcement of such demurrage charges is that the cars used for the transportation of freight may be unloaded within a reasonable time and returned to the railway companies to be used by them in transporting other commodities. The action, therefore, of the railway companies is in aid and not in restraint of commerce.

The question whether forty-eight hours is a reasonable time within which the consignee is required to unload a car of freight, and whether one dollar for each day thereafter is an unreasonable charge for the detention of the car, has been passed upon by a number of the state courts.

In *Norfolk & Western Ry. Co. v. Adams, Clement & Co.*, 90 Va., 393, (44 Am. St. Repts., 916) it is said:

“It is well settled, in this and in other states, that a common carrier may make reasonable rules and regulations for the convenient transaction of business between itself and those dealing with it, either as passengers or shippers. * * * That this rule is reasonable and proper, and that the railroad company can make such charges, has been decided in a number of states. *Miller, et al, v. Ga. R. R. & Banking Co.*, 50 Am. & Eng. R. R. Cas., 70; *Miller v. Mansfield*, 112 Mass., 260; *Union Pac., D. & Gulf R. R. Co. v. Cook*, 50 Am. & Eng. R. R. Cases, 89; *Ky. Mfg. Co. v. Louisville & Nashville R. R. Co.*, 50 Am. & Eng. R. R. Cases, 90; *C., M. & St. P. Ry. Co. v. Pioneer Fuel Co.*, Beach Ry. Law, sec. 924 and cases there cited; *Jones on Liens*, sec. 284 and cases cited. * * *

"In addition to this long line of authorities holding the right of the railroad company to make such charge, and the reasonableness of such charge, there have been numerous investigations and rulings upon the point by the railroad commissioners of the various states. In Texas the railroad commissioner, Judge Reagan, after full investigation, made an order fixing three dollars per day per car as a reasonable charge for delay in unloading after forty-eight hours notice. The railroad commissioners of Illinois and those of other states, after full investigations, have decided in favor of the right and reasonableness of such a charge."

The railroad commissioners of the state of Missouri, in the matter of the complaint of *Darlington & Co. v. Central Car Service Association* of St. Louis, held that forty-eight hours was a reasonable time in which to unload cars after the same were placed upon the side tracks convenient for unloading, and that a charge of one dollar a day for demurrage after the expiration of forty-eight hours was a reasonable charge and could be collected by the Association.

In *Pa. R. R. Co. v. The Midvale Steel Co.*, 201 Pa. St., 624, it was held that the rule requiring consignees to unload cars within forty-eight hours after their being placed upon the side track, and to pay one dollar for each day which the same remained unloaded thereafter, was reasonable, both as to the time and the amount of the charge.

In *Swan v. Louisville & Nashville R. R. Co.*, 20 Am. & Eng. R. R. Cases, 446, the supreme court of Tennessee held that the rule requiring the payment of one dollar per day for the detention of cars beyond forty-eight hours was reasonable.

In no case which has been found has the regulation, either as to time or amount, been held to be unreasonable.

Under the principles of law laid down in these authorities, railway companies have the right to fix a time within which their cars shall be unloaded after they reach

their place of destination and are placed in such a position that they may be safely and with a reasonable degree of convenience, unloaded by the consignee; and to fix a reasonable charge for the detention of cars beyond the time allowed for unloading the same. Forty-eight hours is a reasonable time for a consignee to unload a car after it has reached its destination and been so placed that it may be safely and with a reasonable degree of convenience unloaded by the consignee, and one dollar per day is not an unreasonable charge for the detention of a car beyond forty-eight hours.

Second—The condition of the highway does not affect the right of a railway company to enforce the collection of demurrage charges. It may be an element which should be taken into consideration in determining the reasonableness of the regulation; but if the time within which cars are required by the railway company to be unloaded may fairly be said to be reasonable under all of the circumstances, the fact that at times the condition of the highway may prevent the cars from being unloaded within such time, would not, in my judgment, prevent the enforcement of the regulations as to the collection of demurrage charges.

It will hardly be claimed that if the goods or commodities were stored in a warehouse of the railway company, and the condition of the highway prevented the consignee from removing the same from the warehouse, such fact would relieve him from the payment of storage charges. In the application of the rule under which railway companies may charge for the storage of goods and commodities as warehousemen, it can make no difference whether such goods or commodities are stored in a warehouse or in a car, so far as the liability of the consignee to pay storage charges until they are removed, is concerned.

Third—The theory upon which a lien has been held to exist for demurrage charges made by railway companies, is that such charges partake of the nature of warehouse

or storage charges, and may be enforced as such against the property transported by the carrier. Our statute provides that such charges may be enforced by a sale of the property.

It is obvious that no carrier of property belonging to the state has the right to enforce a lien against the same by a sale thereof under the provisions of the statute; and any rule adopted by railway or car service associations for the collection of demurrage upon cars held by the state or by its public institutions beyond the time fixed by the rules of such railway or association, must necessarily be subject to the laws and the sovereignty of the state, and no lien can be enforced against the property of the state for the collection of any claim arising upon demurrage charges.

The weight of authority is that such a lien exists and may be enforced against the property of private individuals, but the property of the state stands upon a different footing and cannot be subjected to the payment of any lien for such charges, or sold in satisfaction of a claim against the state.

Any claim for demurrage charges, which may accrue under the rules and regulations of the railway company or the Car Service Association, should be audited and paid as other claims accruing in the public institutions under the management of the board of control.

It may, however, be suggested that the provisions of section 44 of the act creating the board of control are broad enough to permit such demurrage charges to be paid from the contingent fund in the hands of the managing officer of any institution to which shipments are made, if it should be necessary for the same to be paid at once to prevent loss or damage to the institution.

Fourth—The fourth and fifth questions may be considered together.

It is not necessary that actual notice of the adoption of a rule by a railway company to require the payment of

demurrage charges should be given to a consignee institution or its chief executive officer. It is sufficient if such rules have been given general publicity in the ordinary way. It would be unreasonable to say that every consignee of freight delivered by common carriers must be served with actual notice of the rules and regulations of such common carrier before they can be enforced. Every carrier of goods or passengers has the right to adopt and enforce such reasonable regulations as are necessary to protect and facilitate the transaction of its business, and every person dealing with such carrier is bound by such regulations.

In *Wabash Railroad Company v. Berry-Horn Coal Co.*, Judge Dillon, of the St. Louis Circuit Court, held that a common carrier has a right to impose a reasonable charge for the use and detention of its cars delivered to the consignee, and to be unloaded by him, when detained by the consignee beyond a reasonable time for the unloading, and that such reasonable regulations were enforceable against the consignee, although no specific notice thereof had been given him by the railway company.

This holding of Judge Dillon is undoubtedly a fair statement of the principle of law governing cases of this character. Every shipper of goods contracts with the carrier subject to such reasonable rules and regulations as are established to facilitate the business of the carrier.

Fifth—The notice given by the postal card which is enclosed announcing the arrival of the car at the station, but not indicating where it will be placed for unloading, is not the controlling element in fixing the time when the railway company is entitled to charge demurrage.

Where a commodity is shipped in bulk and by the car load, to be unloaded by the consignee upon its arrival at its destination, the duties and liabilities of a common carrier do not cease until the car is placed in such a position on the railway track that it can be safely, and with a reasonable degree of convenience, unloaded. When it is

so placed, the duties and liabilities of the railway company as a common carrier cease, and those of a warehouseman attach. The right to charge demurrage for the detention of the car begins within a reasonable time after the duties and liabilities of a common carrier have ceased and those of a warehouseman have attached.

It was the duty of the superintendent of the School for the Deaf, upon receipt of the postal card submitted, to at once ascertain whether the car described had been so placed upon the tracks of the railway company that it could be safely and with a reasonable degree of convenience, unloaded. If it was so placed, he would then be entitled to forty-eight hours under the rules of the Association to unload it, before any charge could be made for demurrage.

It is the duty of a consignee to be present at the time of the arrival of freight shipped to him, for the purpose of receiving the same. The consignee of freight cannot escape liability for demurrage charges because the notice he has received of the arrival of such freight does not state that it has been placed where it can be safely and with a reasonable degree of convenience, unloaded. It is a part of his duty to ascertain whether the car has been so placed.

The right of a railway company to charge for demurrage does not, therefore, depend upon the character of the notice received by the consignee; and the fact that the postal card submitted does not state that the car is placed in a position where it can be safely and with a reasonable degree of convenience unloaded, does not affect the right of the company to charge demurrage if the car is detained beyond the forty-eight hours after it is placed in a position where it can be so unloaded.

Sixth—Section 1 of Rule 2 of the rules of the Western Car Service Association provides:

“Cars loaded with coal, coke, salt or lime in bulk, and ore and fluxing material for smelting purposes,

may be held on the tracks of the road making final delivery to consignee seventy-two hours free of car service charges. For all time so held in excess of seventy-two hours a charge of one dollar per day or fraction thereof shall be made. Said storage time shall commence first 7 A. M. after arrival. Forty-eight hours free time will be allowed on unloading track in addition to the free storage time; in no case will more than forty-eight hours be allowed on the unloading track, said period of time to commence at 7 A. M. following placing."

No discrimination is made as to the consignees of cars loaded with the material named in Rule 2. All cars so loaded, when received at destination, are alike subject to the regulation provided by said rule; that is, they may remain seventy-two hours upon the tracks of the road before final delivery, and may thereafter remain forty-eight hours upon the unloading track, and after delivery, before any charge is made for detention.

Under this rule cars loaded with coal and consigned to the School for the Deaf at Council Bluffs may remain upon the tracks of the company which delivers them seventy-two hours without charge, and may then be placed upon the unloading track of the institution, where they may remain without charge for a period of forty-eight hours. The regulation makes no distinction between cars shipped to state institutions and those to other consignees, and cannot be held to be unreasonable and invalid because of unjust or illegal discrimination.

Seventh. It is the duty of a common carrier to receive the freight delivered to it and to transport it to its destination with a reasonable degree of diligence; and when it is loaded in bulk and by the car load, to set the car upon a side track with reasonable promptness that it may be unloaded by the consignee, and if for its own convenience the carrier holds the cars which have been delivered to it for transportation until it has several cars which should have been previously transported and delivered by it to the consignee, and then delivers all of

the cars at one time, its rule requiring such cars to be unloaded within forty-eight hours after their arrival and after they were placed upon a side track where they could be safely and conveniently unloaded, would be unreasonable, and demurrage charges for detention of the cars beyond that period of time could not be enforced.

Before a railway company can enforce its regulations as to the unloading of freight from its cars, it must itself have performed the duties imposed upon it by law relating to the transportation and delivery of the cars containing the freight; and if for its own convenience, or economy in transporting the same, it holds cars which are delivered to it for transportation until it has a number for the same consignee, and then delivers all at the same time, it has failed to perform the duty imposed upon it as a common carrier in the transportation and delivery of freight entrusted to it for carriage, and cannot be heard to complain if, because of its own act, such cars are not unloaded within the time fixed in its regulations. In other words, it cannot by the delivery of cars in that manner impose upon the consignee thereof a greater burden in the unloading of the same than could be imposed upon such consignee by the delivery of the cars at the time and in the manner in which they should have been delivered by the carrier.

Eighth—As to the ninth question submitted, it is only necessary to add to what is said in the third paragraph of this opinion, the further statement that, after cars consigned to a public institution have been placed upon a private track for unloading, the railway company has no right to remove such cars because the superintendent of the institution to which they were consigned, fails or refuses to pay demurrage charges. The account of such charges should be sent to the proper state authorities and be audited and paid in the same manner as other bills of like character.

If an attempt should be made upon the part of the railway company to retake possession of the cars before the same are unloaded, and remove them from the side track where they were placed for the convenience of the consignee, an injunction would lie to prevent such removal.

Ninth.—The tenth question submitted has been answered by what has been said in the previous divisions of this opinion. All bills for demurrage charges should be properly sworn to, endorsed by the officer in charge of the state institution, and passed upon by the board of control, before payment is made thereon.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

July 1, 1904.

TO THE HONORABLE BOARD OF CONTROL OF STATE INSTITUTIONS.

FISH WAYS—CONSTRUCTION OF—It is held that fishways over dams across streams in this state shall be constructed to afford a free passage for fish up and down the stream while the water is running over such dam.

HON. GEO. A. LINCOLN,
Cedar Rapids, Iowa.

DEAR SIR—I am in receipt of your favor of the 9th inst. calling my attention to your letter of May 20th asking whether in the construction of fishways over dams across streams in this state you can compel the owners of the dams to place the fishway so that the top of the fishway will be even with the top of the dam.

In reply will say that section 2548 of the code, with which you are familiar, provides that fishways shall be constructed in such way as to afford a free passage for fish up and down any stream in which there is a dam while the water is running over such dam. Under the provisions of this section it appears to have been the intent

of the legislature that the fishways over the dams across streams in the state may be so constructed that when the water flows over the top of the dam it shall afford facilities for the free passage of fish over the dam. This means that the bottom of the fishway may be placed on a level with the top of the dam so that the water running over the dam will enter the fishway and thus afford a facility for the passage of fish.

Under the present law you cannot, in my judgment, compel the construction of fishways which require the cutting down of any portion of the dam. The owner of the dam has the right to maintain it at its full height along its entire length, the only requirement of the statute being that he shall construct a fishway over such dam which shall permit the passage of fish whenever the water runs over the top of the dam. This means that the bottom of the fish way shall be brought on a level with the top of the dam so that the water will enter such fish way at any time when it is of sufficient height to flow over the dam.

I am,

Yours very truly,
CHAS. W. MULLAN,
Attorney-General of Iowa.

July 12, 1904.

BOARD OF MEDICAL EXAMINERS—POWER TO REVOKE CERTIFICATES TO PRACTICE—Section 2579 of the code exempts from examination physicians who were in practice in this state for five consecutive years prior to the enactment of Chapter 104 of the laws of the Twenty-first General Assembly.

DR. F. W. POWERS,

*President State Board of Medical Examiners,
Waterloo, Iowa.*

DEAR SIR—I am in receipt of your favor of the 9th instant calling my attention to your request of May 26th for an opinion as to the power of the state board of

medical examiners to compel Dr. Fullian of Muscatine to appear before the board and submit to an examination as to his competency to practice medicine in the state. In response to such request I submit the following opinion:

The facts, as I gather them from the evidence before me, are in substance these: Dr. Fullian was a practicing physician and surgeon at Muscatine, Iowa, prior to the enactment of chapter 104 of the laws of the twenty-first general assembly, and had been in the practice of medicine at that place for more than five years prior to the passage of that act. After chapter 104 of the acts of the twenty-first general assembly became a law, Dr. Fullian presented evidence to the state board of medical examiners that he had been engaged in the practice of medicine and surgery at Muscatine, Iowa, for more than five years prior thereto, and upon the evidence so presented the state board of medical examiners issued him a certificate authorizing him to practice medicine within the state. Dr. Fullian was not required by the board to take an examination as to his qualifications, and the certificate was issued upon the ground that he came within the exception provided in section 2579 of the code, which exempts physicians who have been in practice in this state for five consecutive years, three of which shall have been in one locality, from the examination required by the act of the twenty-first general assembly.

Since the certificate was issued to Dr. Fullian, charges were preferred against him of immorality and incompetency. He was acquitted by the state board of medical examiners upon the charge of immorality, and the charge of incompetency was continued for further hearing.

The question which now arises is, whether Dr. Fullian can be compelled to appear before the state board of medical examiners and submit to an examination as to his competency to practice medicine within the state; and if he fails to appear and submit to such examination, has the board power to revoke his certificate because of such failure.

As has been suggested, Dr. Fullian was, at the time that he made his application to the state board of medical examiners for a certificate authorizing him to practice medicine within the state, exempted from examination by the provisions of section 2579 of the code, which was enacted as section 8 of chapter 104 of the laws of the twenty-first general assembly. If he was a man of good moral character, and had been engaged in the practice of medicine within the state for the time required by statute, and no question as to his competency was then raised, he was entitled to a certificate without examination. If at that time any question as to his competency had been raised before the board, it would undoubtedly have had the power to have inquired into his knowledge and qualifications, and to have subjected him to an examination before issuing to him a certificate authorizing him to practice medicine within the state.

Such course, however, was not pursued by the board, and the certificate appears to have been issued solely on the ground of his previous practice.

Section 2578 of the code, which was enacted as section 7 of chapter 104 of the laws of the twenty-first general assembly, provides:

“The board of medical examiners may refuse to grant a certificate to any person otherwise qualified who is not of good moral character, and for like cause, or for incompetency or habitual intoxication or upon satisfactory evidence by affidavit or otherwise, that a certificate has been granted upon false and fraudulent statements as to the graduation or length of practice, may revoke a certificate by an affirmative vote of at least five members of the board * * * .”

This statute clearly gives the board power to revoke a certificate issued by it where the person to whom such certificate is issued is found to be incompetent, and this construction is sustained in the case of *State v. Mosher*, 78 Iowa, 321. But before any action can be taken by the board, the person whose certificate is sought to be revoked

must be notified to appear before the board at such reasonable time and place as shall be fixed, and to show cause why his certificate should not be revoked upon the ground of incompetency.

Upon his appearance before the board in obedience to such notice, an issue is made which must be tried and determined by the board. The issue so raised is, whether the person whose certificate is sought to be revoked is incompetent to practice medicine within the state, and it must be tried and determined in substantially the same manner as any other issue of fact which arises in the courts of the state; that is, the burden of proof to establish the charge of incompetency rests upon the person or persons making the same, and it must be established by a preponderance of the evidence. It is within the power of the board to determine how such issue shall be tried and the character of evidence which will be received in support or in defense of the charge; that is, it may accept evidence in the form of affidavits, or may require the attendance of witnesses and their oral testimony or written depositions. The person whose certificate is sought to be revoked is a competent witness for himself, and if present at the hearing may be called and examined either by the person who has preferred the charges or by the board as to his competency.

There is no provision of statute, however, which permits the board to require the person whose certificate is sought to be revoked to appear before it and submit to an examination, or have his certificate revoked in case of his failure to do so. Such certificate can only be revoked upon a hearing before the board, of which the physician has been given due notice, and upon trial of the issue as hereinbefore set forth.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

July 12, 1904.

SAVINGS BANKS—RIGHT TO SELL, DISCOUNT AND MAKE LOANS UPON COMMERCIAL PAPER—A savings bank may lawfully loan its funds to persons who are non-residents, and accept foreign securities on such loans. The only limitation is that such banks shall not discount paper or make loans upon the shares of their capital stock.

Sir—I beg to acknowledge the receipt of your favor of the 8th instant requesting my opinion upon the following questions:

1. Can a savings bank loan its funds to individuals on notes and accept as collateral security therefor the notes of a third party secured by mortgage on real estate in other states?

2. Can savings banks make loans to non-residents, secured by personal endorsement or by any collateral which the bank considers good?

3. The bank in question extends credit to the full limit, to-wit: twenty thousand dollars; the capital stock of said bank is one hundred thousand dollars; some of the concerns to which this credit has been extended frequently discount commercial paper with said bank. Should some of this discounted paper not be paid when due, can the bank extend the time of payment, with the consent of the endorser, without increasing the liability of said endorser who has already credit to the full limit? Or if such discounted notes should not be paid when due, can the bank accept new notes of the debtor, endorsed by the customer, and accept the collateral security of such customer and endorser without violating the provisions of section 1870 of the code?

These questions will be considered in the order stated:

First. Subdivision 5 of section 1850 provides that savings banks may discount, purchase, • sell and make loans upon commercial paper, notes, bills of exchange,

drafts or other personal or public securities, but shall not purchase, hold or make loans upon shares of its capital stock.

A savings bank, organized under the laws of this state, undoubtedly has the power to loan money upon any security which its officers may see fit, except as restricted by statute. The only restriction placed upon such banks by the statute, as to their power to discount, purchase, sell and make loans upon commercial paper, notes, bills of exchange, drafts or other public securities, is that they shall not purchase, hold or make loans upon the shares of their capital stock. In all other respects the officers and agents of the bank are free to exercise their best judgment in discounting or purchasing commercial paper, or in making loans upon personal or public securities. There is no restriction preventing loans being made to persons who are non-residents of the state, nor is there any restriction as to the character of collateral security which may be taken for such loans. Where a loan is made to an individual, it is within the power of the bank to take notes secured by mortgages upon real estate as collateral to such loan, and there is no provision of the statute which prohibits the bank from accepting notes secured by a mortgage upon land which is not within the state of Iowa as collateral.

It therefore follows that a loan of the funds of savings banks, organized under the laws of this state, may be lawfully made to persons who are residents of other states, and that the bank may take and receive, as collateral security for such loans, notes and mortgages upon land situated in other states.

It is suggested in your communication that this method of making loans and of taking securities may be used for the purpose of evading the provisions of subdivision 4 of section 1850. The answer to such suggestion is, if the bank examiner of the state finds that loans have not been made in good faith under the provisions of subdivision 5

of section 1850 of the code, or that an attempt has been made to evade the provisions of subdivision 4 of that section, the auditor of the state should require such loans to be so adjusted as to comply with the provisions of the statute.

Second. The conclusion reached upon the first question submitted is an answer to the second, and it is sufficient to say that under the statute savings banks may make loans to non-residents, which are secured by personal endorsement or by collateral security which the officers of the bank consider good.

Third. In reaching a correct conclusion upon the third question, it is necessary to keep in mind the clear distinction between the liability of a borrower and that of an endorser. A borrower is absolutely and primarily liable for the amount which he borrows. He owes the debt directly to the bank making the loan, without condition, and is personally obligated to pay the same at its maturity.

The liability of an endorser is a secondary and conditional liability which can only become absolute in case of the default of the maker of the note, upon which the endorsement is made, to pay the same at its maturity, and upon notice to the endorser, within the time prescribed by law, of the failure of the maker to pay the note when due. In the one case an indebtedness is created by the loan made by the bank to the borrower, and at the time such loan is made; in the other, no indebtedness is created by the endorsement until the maker of the note has defaulted in its payment, and the notice required by law been given to the endorser. A borrower agrees that he will repay the loan at the time fixed in the contract; an endorser agrees that he will pay the amount of the note which he discounts if the maker thereof fails to pay the same and notice of such failure is given to the endorser within the time required by law. He is not a borrower and his contract is not a borrower's contract.

Although a borrower may have reached the full limit of his credit at a savings bank, that fact does not prevent him from entering into a contract as an endorser, and discounting or selling to the bank commercial paper upon which such endorsement is made; and the discount or purchase of commercial paper by the bank, with the endorsement of the borrower thereon, is not a violation of the statute which limits the amount which can be loaned to any one person by the bank.

No reason, therefore, exists why the bank may not extend the time of payment upon the paper which it discounts, with the consent of the endorser, as such extension does not increase the amount of his absolute liability to the bank. Nor does any reason exist why, if the discounted notes are not paid when due, the bank may not accept new notes from the makers thereof, endorsed by the customer who had discounted the former notes, with such other collateral security as the bank may see fit to take from its customer.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

July 14, 1904.

HON. B. F. CARROLL,

Auditor of State.

APPROPRIATIONS—Construction of Chapter 177 of the Acts of the Twenty-ninth General Assembly.

SIRS—In response to your inquiry as to how the annual appropriations made to the Iowa State College of Agriculture and Mechanic Arts and other educational institutions of the state by the Twenty-ninth General Assembly should be paid from the state treasury, I submit the following opinion:

The legislature, by an act which appears as chapter 177 of the Laws of the Twenty-ninth General Assembly, fixed

the beginning and ending of the fiscal year of the state upon July 1st and June 30th, and provided that when annual appropriations are made payable quarterly, the quarters shall end with September 30th, December 31st, March 31st and June 30th. The act also provides that annual appropriations thereafter made shall be disbursed, in accordance with the provisions of the acts granting such appropriations, pro rata from the time such acts take effect to the first day of the succeeding quarter.

The effect of this act of the legislature is to fix the times when annual appropriations made to state institutions, which are payable quarterly, can be drawn from the state treasury, and also to fix the amount of the first quarterly installment which can be paid at the end of the first quarter after the act granting the appropriation goes into effect.

The twenty-ninth general assembly, by the act which appears as section 1 of chapter 183, made an annual appropriation of \$35,000 for additional support fund to the Iowa State College of Agriculture and Mechanic Arts, and also the further sum of \$10,000 as an annual appropriation to the experiment station of such college. The act by which such appropriations were made became a law on the 15th day of April, 1902.

Under the provisions of chapter 177 of the laws of the twenty-ninth general assembly, the appropriations thus made to the College of Agriculture and Mechanic Arts, and to the experiment station, became effective on the 15th day of April, 1902. These appropriations are payable quarterly, and the first quarterly installment thereof became payable on the first day of July following the taking effect of the act granting the appropriations. The amount of the quarterly installment which that institution was then entitled to draw from the state treasury is fixed by the provisions of chapter 177 of the laws of the twenty-ninth general assembly, and is the proportion of the whole amount of the first quarterly installment

which the period of time from the 15th day of April to the first day of July bears to the entire quarter beginning on the first day of April and ending on the 30th day of June following. Thereafter one-fourth of the entire amount of such appropriations becomes payable at the end of each succeeding quarter; that is, one-fourth of such appropriations is payable on the 30th day of September, one-fourth upon the 31st day of December, one-fourth upon the 31st day of March; and one-fourth upon the 30th day of June following, and so on as long as the annual appropriation continues.

The same rule must be applied to the annual appropriation of \$50,000 made to said College, and \$15,000 made to the experiment station thereof, by the thirtieth general assembly; that is, the proportion of the first quarterly installment of such appropriations which the period of time from April 13th to July 1, 1904, bears to the entire quarter beginning April 1st and ending June 30th, may be drawn by the institution on the first day of July, 1904.

The construction placed upon these appropriation acts of the legislature is applicable to the annual appropriations made by the legislature to the other state educational institutions which are, by the terms of the act, payable in quarterly installments.

By section 2 of chapter 183 of the acts of the twenty-ninth general assembly, an annual appropriation of \$35,000, is made to the State University for additional support, to be paid in quarterly installments on the order of the board of regents, the first installment to be payable on the first day of September, 1902. Under this provision of the act making the appropriation, and the law as enacted by chapter 177 of the acts of the twenty-ninth general assembly, the pro rata proportion of the first quarterly installment of the appropriation should be credited to the University on the first day of July following the act of the twenty-ninth general assembly. Such installment, however, is not payable, nor is the Univer-

sity entitled to draw the same from the state treasury, until the first day of September. The second quarterly installment of the appropriation should be credited to the University on the first day of October, but the same is not payable, nor is the University entitled to draw the same from the state treasury, until the first day of December following; and the other quarterly installments of such appropriation thereafter become payable on the first days of March and June.

The apparent purpose of the legislature in fixing the time when these appropriations may be drawn from the state treasury, was to make the respective quarterly installments payable at different dates, in order to prevent a depletion of the treasury by a large draft upon the same at the end of each quarter.

In the case of the annual appropriation made by the twenty-ninth general assembly to the State Normal School, the payment of the first quarterly installment is deferred until October 1st. Credit for the pro rata amount of such first quarterly installment should be given the institution on the first day of July following the appropriation act; but, for the reasons suggested, the legislature has seen fit to fix October 1st as the time when such institution can draw the amount from the state treasury. The result is that under the statute the pro rata proportion of the first quarterly installment, and the second quarterly installment of the appropriation, are payable at the same time and may be drawn from the state treasury by such institution on the first day of October.

I have procured a computation to be made upon the appropriation act of the twenty-ninth general assembly, which is based upon the construction given that act as governed by chapter 177 of the laws of that general assembly, and find that the State College of Agriculture and Mechanic Arts is entitled to draw from the state treasury under the annual appropriation granted by the twenty-

ninth general assembly for additional support from April 15, 1902, to July 1, 1904, \$77,291.67; and for the experiment station for the same period of time, \$22,083.33; that the State University is entitled under the appropriation act of the twenty-ninth general assembly to draw for additional support from April 1, 1902, to July 1, 1904, \$77,291.67; and that the State Normal School, under the same act and for the same period of time, is entitled to draw for the payment of teachers the sum of \$16,562.50, and for contingent expenses \$11,041.67.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

July 15, 1904.

TO THE HONORABLE GILBERT S. GILBERTSON,
Treasurer of State.

TO THE HONORABLE B. F. CARROLL,
Auditor of State.

LEGISLATION—ESSENTIALS FOR A VALID LAW UNDER THE CONSTITUTION OF THE STATE OF IOWA—A joint resolution passed by the legislature with all the formalities of a bill, is not a law under the Constitution of Iowa.

SIRS—In compliance with your request of the 7th instant for an opinion upon the questions therein submitted, viz.:

1. Is the joint resolution (joint resolution No. 9 of the 30th general assembly) specified merely advisory and without legal effect, or is it to be given effect as a law of the general assembly?

2. Are we required to fix the wages of employees in our office at the respective sums specified in the resolution so far as practicable, or do we have authority to fix wages either above or below the sum specified in the resolution, as shall seem right to us?

I beg to submit the following:

An examination of the journals of the senate and house of the thirtieth general assembly discloses that joint res-

olution No. 9 was introduced in the house by the committee on retrenchment and reform on the 8th day of April, and was then read the first and second times, ordered printed in the journal, and placed on the calendar without reference to a committee. It then bore the title, "House Joint Resolution No. 9 by Committee on Retrenchment and Reform, fixing the number and compensation of employees in the department of the state at the seat of government". It was called up on the 9th day of April, three amendments were then made to it, it was read a third time and placed upon its passage. On the question of its passage the yeas and nays were called, fifty-two members of the house voting in the affirmative and twenty-one in the negative. The entry in the house journal is, "So the joint resolution was adopted and the title was agreed to".

It was on the same day messaged to the senate, read a first and second time, and referred to the sifting committee. It was then taken up for consideration and substituted for joint resolution No. 8 of the senate. Several amendments were made to the resolution by the senate, it was read a third time, and upon its passage the yeas and nays were called, thirty-five members of the senate voting in the affirmative. The entry in the senate journal is, "So the joint resolution having received a constitutional majority was declared to have passed the senate and its title agreed to".

It was messaged back to the house on the 11th day of April with the senate amendments and on the question, "Shall the house concur in the senate amendments", the yeas and nays were called and sixty-five members of the house voted in the affirmative. The house journal recites, "So the house concurred in the senate amendments"; the resolution was enrolled on the 12th day of April, and signed by the president of the senate and speaker of the house and approved by the governor on the 13th day of April.

It will thus be seen that the resolution was enacted with all the formalities of a bill so far as the action of the house and senate was concerned, and the question arises: Is a joint resolution passed by the legislature with all the formalities of a bill, a law under the constitution of the state?

To determine this question, it is necessary to take up the provisions of the constitution of the state, and ascertain the exact power of the legislature under that instrument in enacting a valid and subsisting law.

Section 1 of article 3 of the constitution provides:

“The legislative authority of this state shall be vested in a general assembly which shall consist of a senate and house of representatives, and the style of every law shall be, *‘Be it enacted by the general assembly of the State of Iowa.’*”

Section 15, provides:

“Bills may originate in either house, and may be amended, altered, or rejected by the other; and every bill having passed both houses shall be signed by the speaker and president of their respective houses.”

Section 16 provides:

“Every bill which shall have passed the general assembly shall, before it becomes a law, be presented to the governor. If he approve, he shall sign it; but if not he shall return it with his objections to the house in which it originated, which shall enter the same upon their journal and proceed to reconsider it * * * * .”

Section 29 provides:

“Every act shall embrace but one subject and matters properly connected therewith, which subject shall be expressed in the title * * * * .”

These provisions of the constitution prescribing the form and mode by which, through the concurrent action of the legislative branch of the state valid and binding laws are enacted, are in the highest sense mandatory and

no act or will of the legislature can become a law unless expressed in the manner and form provided by the constitution.

It is said by Mr. Justice Cooley in his work on Constitutional Limitations, 6th edition, 93:

“Constitutions do not usually undertake to prescribe mere rules of proceeding, except when such rules are looked upon as essential to the thing to be done; and they must then be regarded in the light of limitations upon the power to be exercised. It is a province of an instrument of this solemn and permanent character to establish those fundamental maxims, and fix those unvarying rules by which all departments of the government must at all times shape their conduct; and if it descends to prescribing mere rules of order in unessential matters, it is lowering the proper dignity of such an instrument, and usurping the proper province of ordinary legislation. We are not therefore to expect to find in a constitution provisions which the people, in adopting it, have not regarded as of high importance, and worthy to be embraced in an instrument which, for a time at least, is to control alike the government and the governed, and to form a standard by which is to be measured the power which can be exercised as well by the delegate as by the sovereign people themselves. If directions are given respecting the times or modes of proceeding in which a power should be exercised, there is at least a strong presumption that the people designed it should be exercised in that time and mode only; and we impute to the people a want of due appreciation of the purpose and proper province of such an instrument, when we infer that such directions are given to any other end.”

Again it is said by Mr. Cooley on Constitutional Limitations, 6th edition, 155:

“But when the legislative power of a state is to be exercised by a department composed of two branches, or, as in most of the American states, of three branches, and these branches have their several duties marked out and prescribed by the law to which

they owe their origin, and which provides for the exercise of their powers in certain modes and under certain forms, there are other questions to arise than those of the mere intent of the law-makers, and sometimes forms become of the last importance. For in such case not only is it important that the will of the law-makers be clearly expressed, but it is also essential that it be expressed in due form of law; since nothing becomes law simply and solely because men who possess the legislative power will that it shall be, unless they express their determination to that effect, in the mode pointed out by the instrument which invests them with the power, and under all the forms which that instrument has rendered essential."

In passing upon a question identical with the one under consideration, the supreme court of Illinois in *Burritt v. Commissioner of State Contracts*, 120 Illinois, 333, said:

"If the various constitutional provisions respecting the form, component parts, elements and mode of procedure, in and by which the legislative will and executive consent ultimately become a valid and binding law, are mandatory in their character, and so connected and interwoven with the exercise of the legislative and executive power and authority as to be essential and indispensable parts thereof, as we hold they are, then it follows that this resolution cannot be held to be a law. It is not the will of the people, constitutionally expressed, in the only mode and manner by which that will can acquire the force and vitality, under the constitution of law, for this legislative act is without a title, has no enacting clause, is not signed by the speakers of both houses, or either house, has not the signature and approval of the executive, nor is there anything from which it can be seen that it falls within the cases where a legislative act, in other respects constitutional, may become a law without executive approval; and, although, in the passage and adoption of this resolution, every other constitutional requirement may have been observed, the absence of those enumerated is

sufficient to deprive this expression of the legislative will of the force and effect of law; and the same did not become, therefore, and is not, legally binding upon the respondents."

The language of the constitution of Illinois whereby it prescribes the manner and mode of the enactment of a law by the legislature, is identical with that of Iowa, and provides that the style of every law shall be, "Be it enacted by the general assembly of the State of Illinois"; and in the case cited, the supreme court of that state holds that no expressed will of the legislature can become a law of the state without the essential enacting clause prescribed by the constitution.

Every act of the legislature of this state must have the enacting clause provided by the constitution to make it a valid law, and no bill or resolution or other form of the expressed will of the legislature can become a valid and subsisting law of this state without such enacting clause.

It is undoubtedly within the power of a legislature to adopt joint or concurrent resolutions for the government of such body, or the expression of its will upon administrative matters, and such resolutions do not require either the signature of the president of the senate, the speaker of the house of representatives, or of the governor to make them valid for such purpose; such resolutions are not however laws of the state, and are not binding upon anyone except the members of the legislature and the administrative officers of the state.

It is true that an enactment in the form of a joint resolution is recognized in the congress of the United States, and in the legislatures of some of the states as a valid law; but the constitution of the United States and those of the states in which such form of enactment is so recognized, provide that a law may be enacted in the form of a joint resolution, and such resolution is there regarded as a bill under the constitutional provisions. No such provision is found in our constitution and it contains but

one reference to a resolution of any character, which occurs in section 10 of article 3 in the following connection:

“Every member of the general assembly shall have the liberty to dissent from or protest against any act or resolution which he may think injurious to the public or to individuals, and have his dissent entered on the journals * * * .”

This recognition of the power of the legislature to adopt a resolution cannot be held to give it authority to enact a general law except in the form and mode fixed by the other provisions of the constitution.

As suggested, there is no provision of the constitution authorizing or requiring the governor to sign or veto any resolution passed by the legislature. It is not an act of the legislature which requires his signature under the constitution, or which he is required to return to the legislature with his reasons for not signing the same; if he desires to exercise his right of veto. If such a resolution should be presented to him for his signature and he should return the same to the house from which it originated, stating as his reason for not signing the same that he was not authorized to do so under the constitution, such a refusal on the part of the governor would have no effect on the validity of the resolution. It would still be the expression of the will of the legislature and binding upon that body and upon its administrative officers, but would not have the force or effect of a law; and the fact that the governor's signature was attached to the resolution under consideration adds nothing to its force or validity.

In the *City of San Antonio v. Micklejohn*, 89 Texas, 79, it is said:

“A legislative body may in that form express an opinion. May govern its own procedure within the limitations imposed by the constitution, and in acts of ministerial function, may direct the departments; but it cannot adopt that form of procedure in making laws where the power which created it has commanded that it legislate in a different form.”

The legislature of our state is a creature of and created by the constitution; and where that instrument provides the form and manner in which the creature of its creation shall enact valid and subsisting laws, such laws cannot be enacted in any different manner or form than that commanded by the constitution.

The resolution under consideration was reported to the thirtieth general assembly under section 182 of the code which provides:

"It (the committee on retrenchment and reform) shall report to the general assembly a joint resolution fixing the number of employees and the salary of each for the several officers, boards, commissions, and departments for the ensuing biennial period, and recommend such appropriation and legislation as shall promote public interests and an efficient and economical administration of the affairs of the state."

The adoption of this resolution by the legislature without further enactment by that body did not fix the number of employees in the different departments of the state or the salaries to be paid to each. It was simply an expression of the will of the legislature that the number of employees named in the joint resolution should be employed in the departments of the state, and that each should receive the salary therein designated, and amounted to a recommendation to the legislature to enact a law so fixing the number of employees and the salaries thereof. That this was the view that was taken of the resolution by the general assembly is shown by the fact that after such resolution was adopted, that body enacted senate file 344, which appears as chapter 146 of the laws of the thirtieth general assembly by which the appropriations recommended by joint resolution No. 9 are made for the purposes specified in such resolution, except that the amounts recommended to be appropriated for the board of control are not included in the appropriation bill.

The resolution taken in connection with chapter 146 is undoubtedly binding upon all the officers and employees at the seat of government so far as the same are named or referred to in the joint resolution and in chapter 146 of the laws of the thirtieth general assembly, and the question which now presents itself for determination is: If such resolution and the law making the appropriations in conformity therewith are binding upon the departments of the state named therein, are not the same equally binding upon the board of control?

To answer this question it is necessary to refer to the acts of the twenty-seventh general assembly creating such board. Section 3 of chapter 118 of the acts of the twenty-seventh general assembly provides that

“The board shall be provided by the proper authorities with suitably furnished offices at the seat of government, and shall employ a competent secretary who shall receive a salary not to exceed \$2000.00 per annum, and may also hire a stenographer and such other employees as may be necessary * * .”

Section 4 provides:

“There shall be appropriated from any funds in the state treasury, a sufficient amount to pay the salaries of such employees and the expenditures of the board authorized by the act.”

This law went into effect on the 29th day of March, 1898, and was in force and effect at the time joint resolution No. 9 and chapter 146 of the laws of the thirtieth general assembly were enacted. There was no necessity for the Committee on Retrenchment and Reform to fix the number of employees and the salaries each should be paid in the office of the board of control, as the legislature had theretofore authorized the board to employ such clerks and employees as were required to perform the work of that office, and to pay to them such salaries as in the judgment of the board should be proper and adequate for the services performed. It will be observed that no appropria-

tion of money was made by the thirtieth general assembly to pay any of the salaries of the employees in the office of the board of control designated by joint resolution No. 9. Such an appropriation was unnecessary as the general appropriation for such expenses was made by section 4 of chapter 118 of the laws of the twenty-seventh general assembly.

It may be suggested that section 182 of the code was in force at the time of the enactment of chapter 118 of the laws of the twenty-seventh general assembly and has remained in force since that time; and that under its provisions it was the duty of the Committee on Retrenchment and Reform to report to the general assembly the number of employees and the salary to be paid to each, in the office of the board of control. It is, however, a well settled rule of legislation that where there is a specific act of the legislature covering a particular subject, general statutes relating to the same subject, if repugnant to the special act, must give way and the special statute will control. The provisions of section 182 are general. Chapter 118 of the acts of the twenty-seventh general assembly is a special law creating the board of control and specifically defining its duties and powers. If, therefore, any of the provisions of sections 3 and 4 of that act are repugnant to the provisions of section 182 of the code, the former general enactment of the legislature must give way to the later special act of that body and the provisions of section 3 and 4 of chapter 118 of the laws of the twenty-seventh general assembly will control.

These provisions, as has been suggested, authorize the employment by the board of control, of persons necessary to carry on the work of that board, and to fix the salary to be paid to each; and unless the provisions of these sections are amended or appealed by joint resolution No. 9, they will stand and control the action of the board in employing and fixing the compensation of persons required to carry on the work of that department. .

No citation of authority is necessary to establish the proposition that it takes a law to repeal a law. The act which destroys should be on equal dignity with that which creates or establishes.

As we have seen, a joint resolution is not a law under the constitution of our state, and the statute of the state can neither be repealed nor amended by a joint resolution of the general assembly. It therefore follows that the joint resolution under consideration in no way alters, changes, or repeals the provisions of sections 3 and 4 of chapter 118 of the laws of the twenty-seventh general assembly; and that the provisions of that chapter being special in their nature, must control as against the provisions of any general law previously enacted by the legislature. That by chapter 118 of the laws of the twenty-seventh general assembly the board of control is authorized to employ the necessary employees to carry on the work of its office, and to pay them such compensation as shall be proper for the service performed by them, and that such authority is not revoked or abridged by joint resolution No. 9 of the thirtieth general assembly.

So far as the board of control is concerned the provisions of such resolution are advisory only and must be held simply to be an expression of the opinion of the Committee on Retrenchment and Reform and of the legislature as to the number of employees that should be employed and the salary which should be paid to each.

In the employment of persons necessary to carry on the work of the board, and in fixing the compensation which should be paid to such employees, it must be governed by the provisions of chapter 118 of the laws of the twenty-seventh general assembly, and not by joint resolution No. 9 of the thirtieth general assembly.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

July 26, 1904.

TO THE HON. BOARD OF CONTROL OF STATE INSTITUTIONS.

APPROPRIATIONS—LOUISIANA PURCHASE EXPOSITION—Construction of Chapter 164 of the laws of the Thirtieth General Assembly.

DEAR SIR—I am in receipt of your favor of the 14th instant requesting my opinion as to when the \$20,000.00 appropriated by the thirtieth general assembly for the use of the Iowa commission of the Louisiana purchase exposition becomes available, and when the same can be drawn from the state treasury. In response to such request I submit the following opinion:

The twenty-ninth general assembly appropriated \$125,000.00 in a gross sum for the purpose of making an exhibit and representation by the state of Iowa at the Louisiana purchase exposition. One-half of the sum so appropriated became available on the 16th day of April, 1902, and the other one-half on the 30th day of June, 1904.

Of this appropriation, the Louisiana purchase exposition commission designated and set apart for the different departments of exhibits, the following sums:

Agriculture	\$ 7000.00
Horticulture	5000.00
Live stock	9000.00
Dairy and apiary	3000.00
Lights, fuel and insurance.....	2500.00
Contingent fund	3900.00
Minerals and geology	3000.00
Manufacturing and machinery	4000.00
Ice and water	500.00

Doubts appear to have arisen as to whether the appropriation made by the twenty-ninth general assembly would be sufficient to pay the expenses incurred in making the exhibits at the Louisiana purchase exposition, and the further sum of \$20,000.00 was appropriated for that purpose by the thirtieth general assembly, and may be used by the commission upon certain conditions and contingencies. The act by which such appropriation is made

appears as chapter 164 of the laws of the thirtieth general assembly, and that portion of it upon which the question under consideration arises, is as follows:

“Section 1. Appropriation. The sum of Twenty Thousand Dollars (\$20,000) or so much thereof as may be needed by the Louisiana purchase exposition commission for the purpose of making an exhibit and representation by the state of Iowa at St. Louis, as provided in chapter one hundred and ninety-five (195) of the laws of the twenty-ninth general assembly, in addition to the sum thereby appropriated, is hereby appropriated out of any money in the state treasury not otherwise appropriated, to be drawn, expended and reported as provided in said chapters except as hereinafter provided.

Sec. 2. How Apportioned—When available. The said Twenty Thousand Dollars (\$20,000) shall be apportioned and set apart for the following departments and specific purposes:

For agriculture	\$ 4000.00
For horticulture	4000.00
For live stock exhibit.....	3000.00
For dairy and apiary	1000.00
For lights and insurance	1200.00
For emergency contingent fund....	2500.00
For mineral and geology	1500.00
For manufacturing and machinery.	1500.00
For additional salaries for 1 mo...	800.00
For ice and water.....	500.00

And no part of this appropriation shall become available until the respective specific amounts heretofore set apart by the commissioners of the Louisiana purchase exposition from the appropriation made by the twenty-ninth general assembly, for the above purposes, shall have been exhausted.”

The language of this statute is not as clear as could be desired, but under a fair interpretation of all of its provisions, it may be said there exist three distinct expressions of the legislative will:

1. An appropriation by the legislature of the sum of \$20,000.00 for the purpose of meeting the expenses of the Iowa exhibit at the Louisiana purchase exposition.

2. A direction by the legislature as to how the sum appropriated should be apportioned among the different departments by the commission.

3. A provision that no part of the appropriation shall become available until the amounts of the \$125,000.00 appropriated by the twenty-ninth general assembly set apart by the commissioners for the different departments are exhausted.

Any difference of opinion as to the construction to be given this statute arises from the meaning which attaches to the words "respective specific amounts" as used in section 2 of the act. The word "respective" is a synonym for "each" when used in the sense in which it is used by the legislature in this statute. Substituting the word "each" for that of "respective", the provision of the act under consideration would then read, "and no part of this appropriation shall become available until each of the specific amounts heretofore set apart by the commission of the Louisiana purchase exposition from the appropriation made by the twenty-ninth general assembly, shall have been exhausted".

If the restrictive provision of this statute were in these words, no question could arise as to the construction which should be given it.

It would be clear that the legislature did not intend to authorize the commission to use any portion of the \$20,000.00 until each of the amounts set apart for respective departments was exhausted. As the word "respective" used by the legislature has exactly the same

meaning as the word "each" if used in the same connection, this provision of the statute must be held to restrict the right of the commission to withdraw from the state treasury, or use any portion of the \$20,000.00 appropriated by the thirtieth general assembly until each of the amounts set apart by the commission for the different departments is exhausted.

It may be suggested that the recognition of the legislature of the act of the commission in setting apart for the different departments certain portions of the \$125,000.00 appropriated by the twenty-ninth general assembly, gives to such departments the absolute right to the sums so set apart to them and prevents any re-adjustments of the appropriation made by the twenty-ninth general assembly. A careful reading of the act of the thirtieth general assembly will show that there is no such recognition by the legislature of the act of the commissioners in apportioning such appropriation as prevents a re-adjustment or re-apportionment thereof whenever it becomes necessary.

The language of section 2 of the act of the thirtieth general assembly is, "The said \$20,000.00 shall be apportioned and set apart for the following departments and specific purposes".

No apportionment or setting apart is made by the legislature; that duty is imposed by the terms of the act upon the commissioners. The \$20,000.00 is appropriated as a gross sum and it is the duty of the commissioners to divide and set apart the same in the sums and for the purposes specified in the act whenever necessity for such division arises. And such necessity can only arise when the former appropriation has been exhausted.

While the construction which I have placed upon this statute is not entirely free from doubt, my conclusion is that no part of the \$20,000.00 appropriated by the thirtieth general assembly is available or can be used by the commissioners of the Louisiana

purchase exposition in defraying the expenses of the Iowa exhibit until all of the amounts apportioned and set apart by the commissioners from the \$125,000.00 appropriated by the twenty-ninth general assembly are exhausted. And that it is within the power of the commission to make such re-adjustment of the appropriation of the twenty-ninth general assembly as may be found necessary to meet the expenses incurred by the different departments.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

July 29, 1904.

TO THE HON. W. W. WITMER,

Chairman of the Executive Committee of the Iowa Commission of the Louisiana Purchase Exposition.

INSANE PERSONS—An erroneous charge to a county for the cost of support of a state insane patient may be corrected on the books of the Auditor of State without a formal order from the Board of Control.

SIR—I beg to acknowledge the receipt of your favor of the 23d instant relating to the account of Ruby Watson, an inmate of the Mt. Pleasant Hospital for the insane, and asking my opinion as to whether the amount of \$640.80 charged to Henry county for her support can be properly credited to that county on your books, under the facts in the case.

The question of the liability of Henry county to pay for the support of Mrs. Watson at the hospital for the insane at Mt. Pleasant came to me some time ago from the board of control, and after a full investigation of the facts, I reached the conclusion that she was a state patient and that the cost of her support in the hospital should not be charged to Henry county.

The charge of \$640.80 upon your books against the county for her support is, therefore, an erroneous charge and the county should receive credit by that amount to properly adjust and balance your books. It is not necessary that you should receive any formal order of the board of control to make this correction. It stands as any other erroneous entry upon your books, and is one which you have full power to correct.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General.

July 30, 1904.

HON. B. F. CARROLL,
Auditor of State.

INSURANCE—PAYMENT OF TAXES—Any foreign insurance company is required to pay into the state treasury, as taxes two and one-half per cent upon the gross amount of premiums annually received by it on all business done in this state.

SIR—In response to your favor of the 19th of May asking my opinion upon the following questions:

1. Is the Conservative Life Insurance Company of Los Angeles, California, legally obliged to pay taxes upon the gross premiums received by it for business done in this state, including premiums received for insurance upon the lives of persons resident in this state during the year 1903?

2. Will said company be obliged to pay taxes upon subsequent premiums which may be collected in this state as long as it collects premiums and maintains a deposit in this office and is obliged by the contract of re-insurance referred to, to maintain permanent headquarters in this state?

I beg to submit the following:

First—It appears from the statement of facts in the request for an opinion, that the Conservative Life Insurance Company is what is termed an old line life insurance company organized under the laws of the state of California. In the year 1901, the company re-insured the risks of the Southwestern Mutual Life Association of Marshalltown, Iowa, and by such act of insurance came into possession of the business of that Association, took over its assets and assumed its liabilities.

In the transfer of the business and assets of the Southwestern Mutual Life Association to the Conservative Life Insurance Company, a contract was entered into whereby the Conservative Life Insurance Company obligated itself to establish and maintain a permanent central headquarters in the state of Iowa for the transaction of its Iowa business; and it also agreed to keep a permanent deposit of not less than \$100,000.00 with the auditor of state in securities to be approved by him. The certificate of authority issued by the auditor of state to the company to transact business in this state was in force until the first day of April, 1903. On the second day of March of that year a request was filed by the company with the auditor for a license to be issued to Mr. Berryman of Marshalltown as agent of the company. Frequent transactions relating to insurance business were had between the insurance department of the office of the auditor of state and the agents of the company during the year 1903. During all of that time and up to the present time the deposit required by the contract between the Conservative Insurance Company and the Southwestern Mutual Life Association has been maintained with the auditor of state. A considerable number of the policies of the Southwestern Mutual Life Association are in force in this state, and the premiums upon such con-

tracts have been paid by the holders thereof to the Insurance Company under the contract between such company and the Association.

Under these facts it is clear that the Conservative Life Insurance Company of Los Angeles, California, was doing business in this state during the year 1903, and that under the provisions of section 1333 of the code it is required to pay into the state treasury as taxes, two and one-half per cent, upon the gross amount of premiums received by it on all business done in the state during that year.

Second—The second question is not of so easy solution. It involves the construction of the provision of section 1333 of the code and a determination of the power of the state to impose conditions and burdens upon foreign corporations transacting business in the state, and the application of the statute and principles of law to facts which exist at the time the collection of the tax is sought to be enforced.

A construction of the statute and an enunciation of the principles of law which govern the state in the admission of foreign corporations to its territory for the purpose of transacting business therein can of course be given, but such construction and rules of law cannot be applied to existing facts until such facts are known. It is impossible to know what facts may arise in the future bearing upon the relations of the insurance company and the state, and it is therefore not desirable at the present time that any opinion should be expressed as to the liability of the insurance company for taxes in the future when the facts upon which such liability must rest cannot now be known.

As long as the company is doing business in the state it is of course liable to pay the taxes imposed by section 1333 of the code. But it would be idle to attempt in advance to designate every fact or act of the company which would constitute doing business within the state under the statute.

When the time arrives for the collection of taxes under the provisions of the statute the question of the liability of the company must then be determined from all of the facts involved. And until that time arrives it is not, in my judgment, advisable that an opinion upon that subject be given.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

July 30, 1904.

TO THE HON. B. F. CARROLL,
Auditor of State.

APPROPRIATIONS—STATE LIBRARY COMMISSION—It is held that any unexpended balance of the annual appropriation under the provisions of section 2888-h of the code supplement, must be carried over into the succeeding year and used by the Commission during that period.

SIR—In response to your request of August 3d, for a construction of the provisions of section 2888-h of the code supplement, I submit the following opinion:

While there is an apparent conflict in the language of the section referred to, I think a construction must be given its provisions which will permit any unexpended balance of the annual appropriation to be carried over into the succeeding year and used by the commission during that period. The words "and any balance not expended in any one year may be added by the commission to the expenditure for any ensuing year", which follow the clause by which an annual appropriation of six thousand dollars is made to the library commission, are in the nature of a proviso as to the amount of money which can be expended by the commission during any one year, and must be held to control the preceding provision of the section which limits the whole amount of expenses

which may be incurred and paid by the commission during any one year, to the sum of six thousand dollars.

It is a rule of construction laid down by Mr. Sutherland that where there is a conflict between two parts of an act, the provision which is latest in position controls as against a prior repugnant provision; and in support of the rule the following cases are cited:

Packer v. Sunbury R. R. Co., 19 Pa. St., 211;
Ryan v. State, 5 Neb., 276;
Gibbons v. Brittenum, 56 Miss., 232;
Harrington v. Rochester, 10 Wendall, 547;
Commercial Bank v. Chambers, 8 Sm. & M., 9;
Brown v. County Commissioners, 20 Pa. St., 37;
Quick v. Whitewater Township, 7 Ind., 570;
Albertson v. State, 9 Neb., 429;
Sams v. King, 18 Fla., 557;
Brannegan v. Dulaney, 8 Colo., 408;
Gee v. Thompson, 11 La. Ann., 657;
Peet v. Nalle, 30 Id., Pt. II, 949;
Hamilton v. Buxton, 6 Ark., 24;
Farmers Bank v. Hale, 59 N. Y., 53.

A proviso is an exception, and is usually intended to restrain the enacting clause or some provision of the act, and to except something which would otherwise be within its purview, or to in some manner modify its application; and the general intent of the act will be controlled by the particular intent subsequently expressed.

Ihmsen v. Monongahela Nav Co., 32 Pa. St., 152;
State v. Goetze, 22 Wis., 363;
Gregory's Case, 6 Co., 19 b;
Foster's Case, 11 Co., 56 b;
Rex v. Tauton, St. James 9 B. & C., 831;
Minis v. United States, 15 Pet., 445.

Under the rule laid down by these authorities the provision authorizing the commission to carry forward any unexpended balance of a previous year, and to expend the

same during any ensuing year, must be held to control the former provisions of the section, and to give the commission the right to carry forward and expend such balances, although the amount thereof added to the annual appropriation may exceed six thousand dollars in any one year.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General.

August 4, 1904.

HON. G. S. GILBERTSON,
Treasurer of State.

**INSURANCE—APPROVAL OF SECURITIES BY AUDITOR OF
STATE—SERVICE OF PROCESS UPON FOREIGN COMPANIES—**

(1). An acceptance by the Auditor of State of the securities offered by any Life Insurance Company, as provided by section 1806 of the Code, is binding upon him, and upon every successor to the office. (2). The power of attorney required to be filed with the Auditor of State by a foreign insurance company may not be revoked by the company.

SIR—In response to your request for an opinion—

1. As to your right as auditor of state to review the act of your predecessor as to the approval of securities deposited with him by life insurance companies, and to reject the securities so deposited, and demand that others be deposited in lieu thereof;

2. As to the power of a non-resident life insurance company to revoke its power of attorney authorizing service of process to be made upon the auditor of state, while it has outstanding liabilities or contracts in the state;

3. As to what action, if any, should be taken by the auditor of state in relation to an attempt to revoke such power of attorney, if the same cannot be legally revoked by the insurance company—

I submit the following:

These questions will be considered in the order stated.

First—Section 1806 of the code defines the character of securities which may be accepted by the auditor from insurance companies which are required to deposit securities under the provisions of chapters 6 and 7 of Title IX of the code. When such securities are presented to the auditor by an insurance company seeking to transact business in this state, it is the duty of the auditor to ascertain whether the same comply with the requirements of section 1806. If the securities are found to comply with the provisions of that section, it is his duty to accept the same; and if they do not comply therewith, it is his duty to refuse to accept the same as a deposit made by the insurance company. This requirement of the statute imposes upon the auditor the duty of investigating the character of securities offered, and after such investigation of deciding and determining whether they comply with the provisions of the statute. Such investigation and decision upon the part of the auditor are judicial rather than ministerial acts.

If upon such investigation and determination he accepts the securities from the company offering the same, such acceptance is a decision by him that they are of the character required by section 1806, and is binding upon the auditor, and upon every successor to the office.

It is a general rule applicable to the decisions of all special officers to whom the determination of any particular matter is committed by law, that such determination, when regularly made, is conclusive and cannot be questioned or set aside except in some mode specially provided by law.

Belcher v. Linn, 65 U. S., 522;
Clinkenbeard v. United States, 88 U. S., 70;
United States v. Leng, 18 Fed. Rep., 15;
United States v. McDowell, 21 Fed. Rep., 563;
United States v. Doherty, 27 Fed. Rep., 730.

Sections 1779 and 1792 of the code provide that insurance companies and associations shall have the right at any time to change the securities on deposit by substituting a like amount of the character required in the first instance. Under the provisions of these sections it is the right of an insurance company or an insurance association to withdraw from its deposit made with the auditor of state any portion of the securities so deposited, and to substitute therefor other securities of the character required by section 1806. Such withdrawal and substitution imposes upon the auditor the duty to examine the securities sought to be substituted, and to determine whether they are of the character required by section 1806, and securities which may be deposited under the provisions of that section. The act of the auditor in determining such fact is quasi-judicial in its nature, and having been determined by him and acted upon by the insurance company or association, such question is not open to review by a successor in office.

Under the provisions of the contract entered into between the Southwestern Mutual Life Association and the Conservative Life Insurance Company of Los Angeles, California, the latter company is required to keep a permanent deposit of not less than one hundred thousand dollars with the auditor of state at Des Moines, Iowa, in such securities as shall be approved by him. The power of the auditor to approve securities deposited by insurance companies and associations is limited by the provisions of section 1806, and he has no power or authority to accept or approve any securities offered unless they fall within the class defined by that section.

The provisions of the contract, therefore, must be held to refer to the class of securities defined by section 1806 which the auditor has power under the statute to approve and accept.

Under the principles of law heretofore stated, it follows that the auditor, having approved and accepted the securities offered by the Conservative Life Insurance Company under its contract with the Southwestern Mutual Life Association, and afterwards having permitted such Insurance Company, under the provisions of sections 1779 and 1792 of the code, to withdraw the securities first deposited and to deposit others of the character defined in section 1806, his act in so doing cannot now be reviewed, nor can the Conservative Life Insurance Company be required to return the securities which were withdrawn with the consent of the auditor, or to deposit other securities in the place of those which were accepted by him upon such withdrawal.

Second—Section 1808 of the code provides:

“Every life insurance company and organization organized under the laws of another state or country shall, before receiving a certificate to do business in this state, or any renewal thereof, file in the office of the auditor of state an agreement in writing that thereafter service of notice or process of any kind may be made on the auditor of state, and when so made shall be as valid, binding and effective for all purposes as if served upon the company according to the laws of this or any other state, and waiving all claim or right of error by reason of such acknowledgment of service. * * * .”

While this statute apparently contemplates that such agreement shall be filed by every foreign insurance company upon receiving a certificate to do business in this state, or upon any renewal thereof, I doubt the power of any such insurance company, upon a withdrawal from the state, to revoke such agreement so far as it relates to business transacted within the state during the time it was authorized to carry on its business therein.

The agreement required by section 1808 is in the nature of a power of attorney which is filed with the auditor of state authorizing service of process to be made upon him, so far as the business transacted by the insurance company in the state is concerned. That is, the statute in substance provides that every policy or contract holder of such insurance company shall have his remedy to enforce the provisions of such contract or policy within the state where it is made. The remedy thus provided by statute for the benefit of the policy holders becomes a part of the contract, and it is not within the power of the insurance company to rescind or cancel such part of the contract upon a withdrawal from the state.

That a remedy enters into and forms a material part of a contract or obligation is well settled.

Von Hoffman v. Quincy, 71 U. S., 735;

Collins v. E. Tenn., Va. & Ga. R. R., 9 Heis., 845;

Tennessee v. Sneed, 96 U. S., 69;

D'Arcy v. Mutual Life Insurance Company, 108 Tenn., 568.

In the D'Arcy case it was held under a statute similar to that of Iowa that the insurance company could not withdraw from the state and cancel or revoke a power of attorney filed with the secretary of state authorizing service of process to be made upon him, as to any business transacted by the company in the state during the time that it was authorized to do business therein. It is true that the Tennessee statute goes farther than that of Iowa, as it provides:

“Any such company or corporation desiring to transact any such aforesaid business in this state by any agent or agents, shall file with the insurance commissioner a power of attorney authorizing the secretary of state aforesaid to acknowledge service of process for and in behalf of such company at any and all times after the company has once complied

with the laws of Tennessee and been regularly admitted, even though such company may subsequently have retired from the state or been excluded."

But I think it must be held under the Iowa statute that the agreement or power of attorney which is required by a foreign insurance company to be filed with the auditor of state relates to all business transacted by such company within the state, and cannot be revoked after a withdrawal.

Third—The purported revocation of the agreement filed in your office by the Conservative Life Insurance Company of Los Angeles, California, requires no action whatever by you. If the question of the power of the company to revoke such agreement ever arises in any action upon a policy, it must of course be determined by the court in which the question arises. So far as your department is concerned, the attempted revocation should be treated as a nullity.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General.

August 9, 1904.
HON. B. F. CARROLL,
Auditor of State.

INSANE—Costs and Expenses for the Care, Commitment and Transportation of an Insane Person who has no Legal Settlement within this State.

SIR—In compliance with your request of the 2d instant for an opinion as to the liability of the state to pay the cost of transporting a person who is insane to another state in which he has a legal settlement, and as to the form of vouchers and the manner in which the state shall make

payment under section 1 of chapter 78 of the acts of the thirtieth general assembly, I beg to submit the following:

First—Section 1 of chapter 78 of the acts of the thirtieth general assembly provides that the expenses of the arrest, care, investigation and commitment of an insane person who has no legal settlement within the state shall be first paid by the county in which such arrest and investigation are made. Such costs and expenses must then be duly certified by the county to the board of control for its approval, and when approved by the board the state must repay such expenses to the county.

Under the provisions of this statute no payment can be made to a county or to any officer thereof until the costs and expenses have been in fact paid by the county. When that is done the county is entitled to be re-imbursed for its expenditure. The certified vouchers should show that the county has paid the expenses incurred, and that it is simply seeking to be re-imbursed therefor. The auditor is not authorized to issue a warrant for such expenses unless it is shown that the county has actually paid the expenses and such payment has been approved by the board of control.

Second—Section 1 of chapter 78 of the laws of the thirtieth general assembly provides:

“That in all cases where the commissioners of insanity of a county find to be insane a person who does not have a legal settlement within that county, the costs and expenses of the arrest, care, investigation and commitment of such person authorized by law, including the costs of appeal if an appeal be taken, and the person is found to be insane on appeal, shall be paid in the first instance by the county in which such person is found to be insane. * * * ”

The section then further provides if the patient be found to have a legal settlement in another county in the state, the costs named shall be audited and paid by the

board of supervisors of the county in which he has such settlement; and if such person is found to have no legal settlement within the state, such costs and expenses shall be paid out of any money in the state treasury not otherwise appropriated. There is no provision made in the section for the transportation of the patient from this state to the state in which he has a legal settlement, nor is there any provision relating to the payment of the costs of such transportation. The specific naming of the costs which shall be paid by the state in case the patient is found to have no legal settlement therein, must be held to exclude all costs which are not so specified. The cost of transportation is not specifically named; and must therefore be held to be excluded.

Section 2283 of the code provides for the payment of the cost of transporting an insane person to another state in which he has a legal settlement, as follows:

“If a patient has a legal settlement in another state, the commissioners of insanity may direct the sheriff to remove such patient to the place of his legal settlement, and the sheriff shall receive as compensation therefor three dollars per day and his actual expenses, which shall be itemized, sworn to and filed with the county auditor, and the same paid as other claims against the county.”

It is the duty of the commissioners of insanity in each county, under this section of the statute, to cause an insane patient who has a legal settlement in another state to be removed to the place of his settlement by the sheriff, and the cost of such removal must be paid by the county as therein provided:

Chapter 78 of the acts of the thirtieth general assembly does not amend or repeal section 2283 of the

code, and the cost of transporting an insane person to the state in which he has a legal settlement must be paid by the county as therein provided.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General.

August 10, 1904.

HON. B. F. CARROLL,
Auditor of State.

EXECUTIVE COUNCIL—POWER TO CONVEY LAND BELONGING TO THE STATE—The Executive Council has no authority to sell or dispose of any property belonging to the state, except under the conditions and provisions of an act of the legislature.

SIRS—I am in receipt of a communication from your secretary informing me that you desire my opinion in writing as to whether the executive council has authority to convey to a city, county or other grantee, land belonging to the state, and which is a part of a lake bed within the state, or to grant an easement therein, and in response to such request I submit the following:

The title to all lake beds within the boundaries of the state is held by the state as a body politic, and no officer of the state has the power to sell or dispose of any part of such lands unless that authority is directly given by the state legislature. The powers of the executive council are defined by chapter 7 of the code, as they existed at the time the provisions of the code became a law. Since that time other powers have been conferred, but no act of the legislature has given that body power to sell or dispose of any part of the property belonging to the state, except under the conditions and provisions of certain specific acts of the general assembly. Chapter 186 of the acts of the thirtieth general assembly provides that lake beds of the state may be sold by the

executive council under the conditions prescribed therein, and upon such sale being made a deed or patent shall be executed by the governor in behalf of the state. Section 5 of that act contains this provision:

“But no sale of any of the lands composing any of the lake beds of the state shall be made by the executive council until a complete survey thereof has been made, and the same subdivided to correspond with the government subdivisions of public lands.”

Chapter 187 of the acts of the thirtieth general assembly authorizes the executive council to sell islands belonging to the state which are within the meandered banks of rivers within the state, under the conditions prescribed by the provisions of that chapter; and by chapters 188 and 189 of the acts of the thirtieth general assembly the executive council is authorized to sell certain specific property belonging to the state and to execute conveyances therefor.

By chapters 190, 191 and 192 of the acts of the thirtieth general assembly, the executive council is authorized to grant a right of way and easement to certain railways over lands belonging to the state, but no general power or authority is anywhere given the council to sell or convey any lands belonging to the state, or to grant an easement therein.

The general supervisory powers which the executive council has over the property of the state, undoubtedly give that body authority to protect and preserve such property wherever located; and if any of the lakes within the state which should be preserved for the benefit of the general public were likely to be drained or otherwise destroyed, the executive council undoubtedly has power to prevent such destruction thereof, and it may at all times exercise such power as is necessary to preserve and maintain such lakes in their natural condition, so far as the height of water therein and other general physical conditions are concerned. Beyond this, however, it has

no authority under the statute to go. The power to sell or to grant an easement in lands belonging to the state rests wholly with the legislature, and as that body has not seen fit to authorize the executive council to act for it in making a sale of or granting an easement in such lands, no such sale can be made or easement granted by the executive council.

It is therefore clear in the case under consideration that the executive council has no power to sell to the county of Buena Vista or to the city of Storm Lake any portion of the bed of Storm Lake for highway or other purposes, or to grant an easement therein. Such sale or grant can only be made by the legislature under the present statute.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

September 15, 1904.

TO THE HONORABLE EXECUTIVE COUNCIL OF THE STATE OF
IOWA.

BOARD OF HEALTH—RULES FOR THE INSPECTION OF PETROLEUM PRODUCTS—The powers of the Board are confined to the adoption of regulations for the inspection of petroleum products, and for the government of oil inspectors, and the designation of the apparatus to be used by them.

Des Moines, October 17, 1904.

DR. A. M. LINN,

Chairman Committee on Oil Inspection.

DEAR SIR—Section 2 of chapter 87 of the acts of the thirtieth general assembly provides that the state board of health shall make rules and regulations for the inspection of petroleum products for the government of inspectors, and prescribe the instruments and apparatus to

be used, which rules and regulations shall be approved by the governor, and when so approved shall be binding upon oil inspectors.

This appears to be the extent of the power conferred upon the board by statute as to the inspection and sale of inflammable products of petroleum. The rules submitted to me are of a legislative character, and prescribe duties which are to be performed by citizens of the state, and not by oil inspectors. Such rules do not, in my opinion, come within the powers conferred upon the board by the section above quoted. The powers of the board are confined by the statute to the adoption of regulations for the inspection of petroleum products, and for the government of oil inspectors, and the designation of the instruments and character of apparatus to be used by such inspectors. Beyond this it has no power to go.

While I believe the rules submitted are desirable, such regulation must come from the legislature rather than the state board of health.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

SAVINGS BANKS—ISSUANCE OF DEBENTURE BONDS—It is held that a savings bank under the laws of this state may not issue debenture bonds as a part of the business it may transact.

SIR—Complying with your request for an opinion as to whether savings banks organized under the laws of Iowa may issue debenture bonds as a part of the business of such banks, I submit the following:

Without going into the question at great length, attention is called to the provisions of section 1844 of the code, the fifth division of which provides that such banks have power “to loan and invest the funds of the corporation, to receive deposits of money, to loan and invest the

same as provided in this chapter, and to repay such deposits without interest, or with such interest as the by-laws or articles may provide”.

The manner in which the funds or capital of a savings bank may be invested is provided by section 1850, as follows:

“1. In bonds or interest bearing notes or certificates of the United States.

2. In bonds or evidences of debt of this state bearing interest.

3. In bonds or warrants of any city, town, county or school district of this state issued pursuant to the authority of law; but not exceeding twenty-five per cent of the assets of the bank shall consist of such bonds or warrants.

4. In notes or bonds secured by mortgage or deed of trust upon unencumbered real estate in this state, worth at least twice the amount loaned thereon.

5. It may discount, purchase, sell and make loans upon commercial paper, notes, bills of exchange, drafts or other personal or public security, but shall not purchase, hold or make loans upon the shares of its capital stock.”

Section 1855 provides:

“No savings bank, its directors or trustees, shall contract any debt or liability against the bank for any purpose whatever, except for deposits and the necessary expenses of managing and transacting its business, and to pay obligations incurred for the purpose of obtaining money with which to pay deposits.”

These provisions of the statute clearly contemplate that a savings bank, organized under the laws of this state, shall conduct strictly a banking business, which shall be carried on by means of the capital and deposits of the bank, and shall not borrow money for the purpose of increasing the funds of the bank or for other purposes, except to meet its liabilities incurred by the receipt of deposits.

The issuance of debenture bonds is in effect the borrowing of money by a corporation and the giving of a negotiable instrument as evidence of the indebtedness so incurred. A debenture bond always imports the acknowledgment of a debt which has been created and an obligation to pay the same, and is usually issued in series which recite upon the face that they are secured by bonds, mortgages or other securities deposited with trustees for that purpose.

While it is possible that a bank may, under certain circumstances, set apart a portion of its assets, place the same in the hands of a trustee, and issue debenture bonds thereon for the purpose of meeting liabilities which it has incurred in the regular course of its business, such transaction is not a part of the ordinary business of a bank, and a savings bank organized under the laws of this state is not authorized to issue such bonds as a part of the ordinary business it is empowered to transact.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General.

October 18, 1904.

HON. B. F. CARROLL,
Auditor of State.

SCHOOLS—PRIVATE AND PAROCHIAL—The duty of determining whether a private or parochial school in any particular district is complying with the law in respect to teaching the common school branches required by law, rests upon the president of the school board.

SIR—Complying with your request of November 26th for an opinion upon the questions contained therein, viz:

1. Who may determine whether such private or parochial school is complying with the law with respect to the teaching of the common school branches of reading, writing, spelling, arithmetic, grammar, geography, physiology and United States history?

2. What is the proper course for such officer to pursue in order to determine whether such school (or schools) is complying with the law with respect to the teaching of these common school branches?

3. What is a compliance with the section quoted as to the teaching of the common school branches named in said section?

4. Where parents or guardians place their children or wards under private instruction, who may determine that instruction is by a competent teacher, and by what process may it be determined?

I beg to submit the following:

Section 6 of chapter 128 of the acts of the twenty-ninth general assembly provides:

"It shall be the duty of the director or president of any board of directors, or any truant officer appointed by such board of directors, to enforce the provisions of this act, to sue for and recover the penalties herein provided, and to institute criminal prosecution against the person violating the provisions of this act; and any such officer neglecting so to do within thirty days after a written notice has been served upon him by any citizen of said district within which the offending person shall reside, shall himself be liable to a fine of not less than ten dollars nor more than twenty dollars for each offense."

Section 7 of the same act provides:

"All teachers of the public schools of the state and county superintendents, and school officers and employees, shall promptly report to the secretary of the school corporation any violation of the provisions of this act of which they have knowledge or information, and he shall promptly inform the president of the board of directors thereof, and such president shall, if necessary, call a meeting of the board of directors to take such action thereon as the facts shall justify * * *."

These sections of the statute are a part of what is known as the "Compulsory Educational Act" passed by

the twenty-ninth general assembly, and have direct reference to the method of enforcing the provisions of that act.

Recurring to the questions contained in your communication in the order in which they are there stated, I submit:

First—That the duty of determining whether a private or parochial school is complying with the law in respect to the teaching of the common school branches required by the statute, rests upon the president of the school board of the district in which such parochial or private school exists. The law requires all teachers of public schools in the state and county superintendents, school officers and employees, to report any violation of the act referred to, to the secretary of the school corporation in which such violation occurs, and the secretary is thereupon required to transmit such information promptly to the president of the board of directors. The president may then make an investigation and determine whether the information which he has received is true or not, and may, if necessary, call a meeting of the board of directors of the district to take such action in relation to such investigation and determination of the truth of the information as such board may deem advisable.

That the duty of enforcing the provisions of the act was intended by the legislature to be imposed upon the school boards of the state is clearly shown by the provisions of section 6 of the act referred to, which subjects the president and members of the board of directors of the school districts to a penalty if they fail to enforce the provisions of the act after having received notice of its violation.

Whether a private or parochial school is complying with the law in respect to the branches which it teaches, must be determined upon an investigation, and such investigation must be conducted in such manner as the facts of each particular case demand. It is impossible, in an opinion of this character, to designate in advance every-

thing which may be required to be done upon such an investigation, and it is sufficient to say that the board of directors of the district has full power under the act to make such investigation as is necessary to determine whether the law is being complied with or not.

Second—What has been said with reference to the first question contained in your communication is an answer to the second. It does not appear to me to be a matter of serious difficulty for the president of a school board or a committee appointed by the board of directors to make an investigation and determine whether a private or parochial school is teaching the branches required by statute. It cannot be assumed in advance that any such school is or will be willfully violating the law, and ordinarily the principal of such school will undoubtedly on request furnish the board of directors the desired information. If such information is refused upon a request therefor being made, other methods of ascertaining the facts will be readily suggested to the board, and should be pursued as the facts in each particular case may demand.

Third—The branches named in section 1 of chapter 128 of the acts of the twenty-ninth general assembly should be taught in good faith and for the purpose of having the pupils of the school become proficient therein; and if instruction in such branches is given in that manner and for that purpose, it is a sufficient compliance with the provisions of the section referred to.

Fourth—What has been said with reference to private and parochial schools applies with full force to children or wards under private instruction; and whether such private instruction is given in compliance with the provisions of the statute is a matter which may be investigated by the board of directors of the district to the same extent and effect as such question may be investigated when it relates to private or parochial schools. No provision

is made in the statute for an examination of a private instructor for the purpose of determining his or her competency but the competency of such instructor is involved in the teaching of the branches required by statute, and in making an investigation for the purpose of determining whether the statute is being complied with, the question of the competency of the private instructor should be inquired into by the board as one of the facts involved.

The branches of study which are required by statute to be taught in the public, private and parochial schools, or by a private instructor, can only be taught by a person competent to teach the same; and it necessarily follows that if the person attempting to teach such branches in either case is incompetent and unable to teach the same, it cannot be said that the pupils of the school, or those under private instruction, are taught the branches required by statute.

If, therefore, information should be brought to the president of a school board that any private instructor was incompetent to teach the branches required, it would be his duty, either to make an investigation as to the competency of such instructor, or to call a meeting of the school board to take action in relation thereto, and if upon investigation it was found that the private instructor was incompetent and unable to teach the branches required, steps should at once be taken to enforce the provisions of the law in relation to having such branches taught to the pupils under private instruction.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

November 28, 1904.

HON. JOHN F. RIGGS,

Superintendent of Public Instruction.

MEANDERED LAKE BEDS—SMALLEST GOVERNMENTAL SUBDIVISION CONSTRUED—An abutting land owner on a meandered lake bed is entitled upon a sale thereof to an amount of land sufficient to give him a square forty acre tract. Where more than one person owns land abutting the forty acre tract, each is entitled to purchase from the state sufficient land to complete his boundary lines of the smaller subdivision of the forty.

SIRS—In compliance with your verbal request for an opinion as to the construction of certain provisions of chapter 186 of the acts of the thirtieth general assembly, relating to the meandered lake beds of the state and authorizing the executive council to survey and sell the same, I beg to submit the following:

The particular provisions of said act as to which my opinion is asked are contained in section 7, and relate to the sale of the lands which compose the lake beds to the abutting land owners, and are in these words:

“After the report of the appraisers has been received and filed in the office of the secretary of state, the executive council shall offer the land belonging to the state and composing such lake bed, and included in such survey and appraisalment, for sale, and the persons owning lands abutting upon such lake or lake bed and contiguous to the lands owned by the state therein, shall have the first right to purchase the lands offered for sale by the state, in an amount sufficient to make the lands owned by them which abut upon the lake or lake bed, and are contiguous to the lands of the state, conform to the smallest government subdivision of public lands, at the price fixed by the appraisers.”

The question involved in the construction of this statute is as to the rights of the owners of lands abutting upon the lands owned by the state and composing a meandered

lake bed, where two or more persons own land within the smallest governmental subdivision which abuts upon and is contiguous to the land owned by the state in the meandered lake bed.

The first step in ascertaining the rights of the parties is to determine what is meant by the phrase, "smallest governmental subdivision of public lands," as used in the statute.

The construction which has been placed upon section 2397 of the Revised Statutes of the United States is that the smallest governmental subdivision of a section is a quarter quarter section, or forty acres; and *Corbin v. DeWolf*, 25 Iowa, 124; *Stewart v. Corbin*, 25 Iowa, 144; *Eldridge v. Kuehl*, 27 Iowa, 160; *Bulkley v. Callanan*, 32 Iowa, 461, and *Smith v. Easton*, 37 Iowa, 584, recognize that construction of the United States statute referred to. It may, therefore, be taken as definitely settled that the smallest governmental subdivision of public lands is a quarter quarter section, or a forty acre tract.

The intention of the legislature was, therefore, to permit the owner of a tract of land of less than forty acres in extent which is contiguous to the lake bed owned by the state, to purchase of the state an amount of land sufficient to make the entire tract conform to the lines of the forty; in other words, he has the right under the statute to buy an amount of the state which, added to that he already owns, is sufficient to give him a square forty acre tract.

Where there is but one owner within the limits of the forty acre tract, there is no difficulty in giving a clear and unambiguous construction to the statute. Such difficulty only arises where there are two or more such owners within a single forty acre tract, each having an equal right to extend his land by purchase from the state so as to give him a full forty.

In the survey of the meandered lake beds of the state under the provisions of the act referred to, all lines

necessarily conform to the lines of the original government survey, and the land must be subdivided into forty acre tracts, as are public lands when surveyed by the government. It may be fairly said that the intent of the legislature, as indicated by the act referred to, was that all divisions of land and subdivisions thereof should be made by north and south and east and west lines, and that the survey by the state should conform in all respects, so far as the course of its lines is concerned, to the government survey.

It was also the intent of the legislature that the abutting property owners should have the first right to purchase lands of the state so as to make the boundary lines of the lands owned by them conform to those of the government and state survey; but the language of the act does not indicate the intention of the legislature to give any priority of right to one abutting owner over another, or to permit such abutting owners to purchase lands of the state bounded by irregular lines which do not conform either to the government or state survey.

Keeping in mind the intent of the legislature and the purpose of the provisions of the act giving the abutting property owners the right to "square out" their lands, the determination of the rights of abutting property owners, where more than one owns land in the forty acre tract abutting the land of the state, is not difficult. Each owner of lands abutting the lands owned by the state, where two or more such tracts in a single forty acre subdivision are owned by different persons, has the first right to purchase from the state only sufficient land to extend the tract owned by him to the boundary lines of the smaller subdivision of the forty; that is, if there are two such owners the forty acre tract must be subdivided by a line running north and south or east and west through the center which conforms to the lines of the government and state survey, and each owner is then entitled to purchase of the state land sufficient in amount to make the

tract owned by him equal to one-half of the forty. If there are more than two such owners in a single forty acre tract, it must again be subdivided by north and south and east and west lines running through the center which divide it into ten acre tracts, and each of the owners of the abutting land will be entitled to extend his land by purchase from the state to such subdivision lines and no farther.

The construction given this statute may be to some degree arbitrary, but it appears to me to be in conformity with the clear intent of the legislature, and it is a construction which is certainly equitable and just to all persons owning lands abutting upon the meandered lake beds owned by the state.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

November 28, 1904.

TO THE HONORABLE EXECUTIVE COUNCIL OF THE STATE OF
IOWA.

EXECUTIVE COUNCIL—AUDITING OF EXPENSE ACCOUNTS IN SERVICE OF STATE UNDER CHAPTER 7 ACTS OF THE THIRTIETH GENERAL ASSEMBLY—The expense accounts of state officers in the performance of their duties which must be audited by the executive council do not apply to claims for extra clerical help, additional assistance and payments from contingent funds.

SIRS—In response to the request of your secretary, Mr. A. H. Davison, for a construction of the provisions of section 2 of chapter 7 of the acts of the thirtieth general assembly, I beg to submit the following opinion:

The section referred to provides:

“That all members of boards, commissions or departments of state, and all state officers who are authorized to contract expense accounts in the service

of the state, and all who are allowed a per diem for services instead of a fixed compensation; shall, on or before the end of each month, file with the secretary of the executive council an itemized and sworn statement of all expenses and days services, with dates and amounts for the preceding calendar month."

The question which arises under this statute is whether claims for extra clerical assistance, additional assistance and payments from contingent funds, etc., which are provided for in joint resolution number 9 and chapter 146 of the acts of the thirtieth general assembly, are required to be audited by the executive council.

The construction of the statute turns upon the meaning of the phrase "expense accounts in the service of the state," as used by the legislature in the section quoted. In a broad sense all expenses incurred by state officers, boards and commissions in conducting the various departments of the government of the state, are expenses incurred in the service of the state, but it is apparent that the legislature in requiring sworn accounts to be filed each month with the secretary of the executive council, and such accounts to be audited by that body, did not intend to include the general expenditures of the state government.

It was certainly not intended by the legislature to take away from the heads of departments of the state the power and authority to control and manage the business and affairs of such departments, and such control and management necessarily includes the right to employ and pay for such clerical assistance or additional assistance as may be required for the dispatch of the business of the department, and which is provided for by the legislature by an appropriation in the form of a contingent fund or otherwise.

A construction of the statute which would take from the head of a department the control of the employees

therein would be extremely detrimental to the efficiency of the service and the interests of the state, and such a construction clearly was not contemplated by the legislature. The language of the act must therefore be limited to a more restricted sense, and it must be held to apply to and include only the personal and individual expenses of state officers, members of boards and commissions who are entitled to incur such expenses in the performance of the duties of their offices, and in the service of the state. All accounts for expenses so incurred must be sworn to as provided by the statute and audited by the executive council, but the act does not apply to claims for extra clerical assistance, additional assistance and payment from contingent funds which are provided for in joint resolution number 9.

This construction of the statute finds support in *Reg. v. Kingston upon Hull*, 2 El. & Bl., 182; *Jones v. Carmarthen*, 8 M. & W., 605; and in Sutherland on Statutory Construction, section 246.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

December 14, 1904.

TO THE HONORABLE EXECUTIVE COUNCIL
of the State of Iowa.

PUBLIC OFFICERS—THE TERM “SALARIED OFFICER” CONSTRUED—It is held that professors of the State University, the State Normal School, and the State College of Agriculture are “officers” within the meaning of the statute, but the term does not include public school superintendents, principals and teachers in the public schools.

SIR—I am in receipt of your favor of the 16th instant requesting my opinion upon the following questions:

1. Are professors in the State University, the State Normal School and the State College of Agriculture and

Mechanic Arts, salaried officers within the meaning of section 2634 of the code?

2. Are public school superintendents, principals and teachers salaried officers within the meaning of this statute?

These questions will be considered in the order stated.

First—Is a professor in the State University, the State Normal School or the State College of Agriculture and Mechanic Arts a salaried officer within the meaning of section 2634 of the code?

It may be fairly said that, aside from any statutory provision, a professor or instructor in the State University or an institution of learning supported by the state, is not an officer within the ordinary acceptance of that term. Such is the general holding of the courts where the question has arisen.

Seymour v. Over-River Sch. Dist., 53 Conn., 509;

Butler v. Regents, 32 Wis., 124.

Our statute, however, has recognized persons so employed as officers, and has given to the word an interpretation different from that announced by the decisions referred to, which are based upon the rules of the common law.

Section 2635 of the code, by which the board of regents of the State University is given power to manage the affairs of that institution and to elect and employ its officers and instructors, provides:

“It shall elect a secretary and treasurer who shall hold their office at the pleasure of the board. It shall have power to appoint a president and the requisite number of professors and tutors with such other officers as it may deem expedient, and fix the compensation to be paid to them. * * * ”

Section 2647, which defines the powers of the board of trustees of the State College of Agriculture and Mechanic Arts, provides:

“The board of trustees shall have power:

1. To elect a chairman from their number, a president of the college, secretary, treasurer, professors and other teachers, superintendents of departments, steward, librarian, and such other officers as may be required for the transaction of its business, fix the salaries of officers, prescribe their duties, and appoint substitutes who shall discharge the duties of such officers in their absence.”

There is a clear recognition by the legislature in both of these sections that the professors and tutors of the colleges named are regarded as officers and not as employees.

In the section of the code defining the powers of the board of trustees of the State Normal School, there is no direct recognition that the professors of that institution are officers, but it is clear that they must stand upon exactly the same footing as the professors of the State University and those of the College of Agriculture and Mechanic Arts. The recognition and designation by the legislature of the professors and tutors of the educational institutions of the state as officers must be held conclusive so far as the meaning of that word is concerned, as used in section 2634 of the code.

Under these statutes professors of the State University, the State Normal School and the State College of Agriculture and Mechanic Arts, fall within the meaning of the word “officers,” as recognized by the legislature, and if they are employed to assist in conducting examinations held by the state board of educational examiners, they are only entitled to their actual expenses and not to the per diem provided for by said section.

Second—Are public school superintendents, principals and teachers salaried officers within the meaning of section 2634?

Nowhere in the code are public school superintendents, principals or teachers recognized as officers. They, therefore, fall within the definition of the word as it is ordinarily used outside of any special meaning given to it by statute. The definition of the word "officer," as it is ordinarily understood, is a person who has been appointed or elected in the manner prescribed by law, who has a designation or title given to him by law, and who exercises the functions concerning the public assigned to him by law. An officer is usually required to take an oath, and frequently to give bond. The term also embraces the idea of tenure and duration or continuance. Generally speaking one of the requisites of an office is that it must be created by a constitutional provision or authorized by some statute.

In *Seymour v. Over-River Sch. Dist.*, 53 Conn., 509, it is said:

"A teacher is not an officer in the ordinary sense of the word. He is not usually elected or appointed, but is employed—contracted with. He has duties to perform incident to his employment, but they are not official duties and he is not under oath."

In *Butler v. The Regents of the University*, 32 Wis., 124, it is said:

"We do not think that a professor in the university is a public officer in any sense that excludes the existence of a contract relation between himself and the board of regents that employed him in respect to such employment. It seems to us that he stands in the same relation to the board that a teacher in a public school occupies with respect to a school district by which such teacher is employed, and that is purely a contract relation."

While our statute has recognized professors of state educational institutions as public officers, the status of teachers in public schools has not been changed by any statutory enactment or by any implied recognition of a different status than that which exists at common law;

and it therefore follows that a superintendent, principal or teacher of public schools is not a salaried officer within the meaning of section 2634 of the code. If such person is called to assist in an examination conducted by the state board of educational examiners, he or she is entitled to the per diem provided for in that section.

There is another distinction which may be made as between teachers in the public schools of the state and those in the state educational institutions; that is, the professors and instructors in the state institutions are paid directly from the state treasury, whilst the superintendents, principals and teachers in the public schools are paid from the funds of the district in which their services are performed, and the legislature might well refer to persons who are receiving salaries from the state treasury as salaried officers who are not entitled to the per diem provided for in the section referred to, and not include those who are being paid from the funds of the school district in which they are teaching.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

December 20, 1904.

HON. JOHN F. RIGGS,
Superintendent of Public Instruction.

FISH AND GAME—POWERS AND JURISDICTION OF STATE FISH AND GAME WARDEN TO SEIZE AND EXAMINE WITHOUT SEARCH WARRANT—The game warden of the state may enter any freight or express car, without search warrant, and seize and examine any package which he has reason to believe contains game which is being unlawfully transported.

SIR—I beg to acknowledge the receipt of your favor of the 21st instant in which you ask my opinion upon the following questions:

1. Does section 2539 of the code empower me to enter express or freight cars, seize and examine, without search warrant, packages which I have reason to believe contain game birds unlawfully shipped?

2. Does it empower me to stop shipments while in transit and seize and examine them without search warrant?

3. Does it empower me to open packages at terminal or division points where they are awaiting transfer?

4. What authority have I to take birds unlawfully shipped after they have been delivered to the transportation companies?

The fundamental doctrine upon which all laws for the protection of game rest, is well stated in *Ex parte Maier*, 103 Cal., 476, in these words:

“The wild game within a state belongs to the people in their collective sovereign capacity. It is not the subject of private ownership except in so far as the people may elect to make it so; and they may, if they see fit, absolutely prohibit the taking of it, or traffic and commerce in it, if it is deemed necessary for the protection or preservation of the public good.”

The same principle is announced by the supreme court of Minnesota as follows:

“We take it to be the correct doctrine in this country, that the ownership of wild animals, so far as they are capable of ownership, is in the state, not as

a proprietor but in its sovereign capacity as the representative and for the benefit of all its people in common."

State v. Rodman, 58 Minn., 393.

The right of an individual to acquire a qualified ownership in game rests upon the principles announced in these cases, and the power of the state, as deduced from such principles, to control the ownership of game for the common benefit of the people of the state, clearly demonstrates the validity of a law prohibiting its shipment beyond the borders of the state. The result of such a provision of law is to confine the use of game to the people of the state who are its owners in their sovereign right.

In *Geer v. Connecticut*, 161 U. S., 530, it is said:

"In view of the authority of the state to affix conditions to the killing and sale of game, predicated as is this power on the peculiar nature of such property and its common ownership by all the citizens of the state, it may well be doubted whether commerce is created by an authority given by a state to reduce game within its borders to possession, provided such game be not taken, when killed, without the jurisdiction of the state. The common ownership imports the right to keep the property, if the sovereign so chooses, always within its jurisdiction for every purpose. The qualification which forbids its removal from the state necessarily entered into and formed part of every transaction on the subject, and deprived the mere sale or exchange of these articles of that element of freedom of contract and of full ownership which is an essential attribute of commerce."

In the same case it is further said:

"The power of the state to control the killing of and ownership in game being admitted, the commerce in game, which the state law permitted, was necessarily only internal commerce, since the restriction that it should not become the subject of external commerce went along with the grant and was a part of

it. All ownership in game killed within the state came under this condition, which the state had the lawful authority to impose, and no contracts made in relation to such property were exempt from the law of the state consenting that such contracts be made, provided only they were confined to internal and did not extend to external commerce."

Again it is said:

"The argument of the plaintiff in error substantially asserts that the state statute gives an unqualified right to kill game, when in fact it is only given upon the condition that the game killed be not transported beyond the state limits".

In *State v. Rodman*, *supra*, it is said:

"Such limitations deprive no person of his property, because he who takes or kills game had no previous right of property in it, and when he acquires such right by reducing it to possession he does so subject to such conditions and limitations as the legislature has seen fit to impose."

The case of *Territory v. Evans*, 2 Idaho, 634, is criticised in *Geer v. Connecticut*, *supra*, in which case it is said:

"But the reasoning which controlled the decision of these cases is, we think, inconclusive, from the fact that it did not consider the fundamental distinction between the qualified ownership in game and the perfect nature of ownership in other property, and thus overlooked the authority of the state over property in game killed within its confines, and the consequent power of the state to follow such property into whatever hands it might pass with the conditions and restrictions deemed necessary for the public interest."

The principle which must be deduced from the adjudicated cases is that the control of the state over the game killed within its territory is absolute, and that every person who reduces such game to possession, or to whom it is delivered for the purpose of carriage or otherwise, acquires such possession subject to the right of the state

to enforce all laws and regulations relating to the killing and transportation of the game within the state.

One of the regulations which the state of Iowa has imposed as a condition to the killing of game by any person within the state, is that it shall be the duty of the fish and game warden, sheriffs, constables and police officers of the state, to seize and take possession of any fish, birds or animals which have been caught, taken or killed, at any time in any manner or for any purpose, or had in the possession or under the control, or have been shipped, contrary to the provisions of the law regulating the killing of game within the state.

Power is vested in the officers named to make such seizures without warrant.

It therefore follows that the fish and game warden of the state may, under the law giving the right to kill game within the state, enter any express or freight car and, without a search warrant, seize and examine any package which he has reason to believe contains game which is unlawfully shipped.

Every common carrier to whom game is delivered for transportation, holds possession of the same subject to all the conditions imposed by the state. If the fish and game warden has reason to believe that game is unlawfully in the possession of such carrier for the purpose of being transported beyond the boundaries of the state, he has power under the statute, without a warrant, to stop the shipment in transit, and to seize and examine the packages shipped.

This right obtains at terminal or division points as well as elsewhere, and when game is found to be unlawfully in the possession of a common carrier, it may be

taken possession of by the fish and game warden without further process and disposed of in the manner provided by law.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

December 23, 1904.

HON. GEO. A. LINCOLN,

Fish and Game Warden.

**INSANE—COST OF TRANSPORTATION OF AN INSANE PATIENT
WHO HAS NO LEGAL SETTLEMENT WITHIN THIS STATE—**

No special appropriation is required if the language of a statute warrants the construction that an amount of money is set aside by the legislature for the purpose of meeting the expenses which it is intended to pay.

SIRS—In compliance with your request of August 6th for an opinion upon the following questions:

1. Section 2283 of the code as amended empowers the board of control of state institutions to authorize the superintendent of a state hospital to remove therefrom any patient who has no legal settlement within this state and provides that the cost of removal shall be paid directly from the state treasury. Does this authorize the payment from any money in the state treasury not otherwise appropriated for the purpose stated on the statement of the superintendent approved by the board of control, or is a further appropriation by the general assembly necessary?

2. Section 2287 of the code, as amended by chapter 79 of the acts of the thirtieth general assembly provides for the capture and return to the state hospital of escaped patients. Does the section as amended authorize a superintendent to capture or take and return to the

hospital in his charge any patient who has escaped therefrom, and is not discharged, and if it does, may the necessary expense incurred in such capture and return be paid from the state treasury as provided in said section as amended, without further appropriation by the general assembly, or is such payment limited to escaped patients captured and returned by order of the commissioners of insanity of the respective counties in which they belong?

I respectfully submit:

First—Section 4 of chapter 118 of the acts of the twenty-seventh general assembly provides:

“There is hereby appropriated from any funds in the state treasury not otherwise appropriated sufficient thereof to pay the salaries and expenditures hereby authorized.”

This is an appropriation of money from the state treasury made by the legislature for the purpose of covering all expenditures authorized by chapter 118 of the acts of the twenty-seventh general assembly, except such as the legislature has specifically provided shall be paid from other appropriations. The language of section 4 is broad enough to cover every expenditure authorized by the act of the twenty-seventh general assembly.

Section 26 of that act provides:

“Patients shall be sent to the state hospital and convicts shall be sent to the penitentiary located in the district embracing the county from which they are committed, but the board may transfer the inmate of any hospital or the convict in any penitentiary to another hospital or to the other penitentiary at the expense of the state, and shall see that the proper record thereof is made at the hospitals and penitentiaries and in the office of the board.”

This section directly authorizes the expenditure of the money necessary to make such transfers, and provides that it shall be paid by the state. It therefore falls with-

in the appropriation made by section 4 of the act, and may be paid from the state treasury without a further appropriation by the general assembly.

Second—Section 2287 of the code, as amended by the acts of the thirtieth general assembly, provides:

“If any patient shall escape from a hospital, the superintendent shall cause immediate search to be made for him, and if he cannot be soon found, shall cause notice of such escape to be forthwith given to the commissioners of the county where he belongs, and if found in their county the commissioners shall cause him to be returned and shall issue their warrant therefor as in other cases, unless the patient shall be discharged, or unless for good reasons they shall provide for his care otherwise, of which they shall notify the superintendent; and all necessary expenses incurred in the capture and return of such insane patient, shall be paid directly from the state treasury upon a sworn statement of expenses by said commissioners, and the approval of the superintendent of the hospital and of the board of control appended to such expense bill.”

This section clearly authorizes the superintendent of the hospital for the insane from which a patient has escaped to retake such patient and return him to the hospital. If the superintendent is unable to do so within a short time he must then notify the commissioners of insanity of the county from which the patient was sent, and if he is found within the county, the commissioners shall cause him to be returned, unless he shall be otherwise disposed of as provided in said section.

The amendment of the thirtieth general assembly provides that all necessary expenses incurred in the capture and return of such insane patient shall be paid from the state treasury. This includes the necessary expenses made by the superintendent of the hospital in his search for such escaped patient, and in his capture and return, as well as the necessary expenses incurred by the commissioners of the county where such insane patient belongs.

It was clearly the intent of the legislature that all necessary expenses, whether incurred by the superintendent of the hospital or by the commissioners of the county in the capture and return of an escaped insane patient, should be paid from the state treasury.

Third—The next question which arises under your communication is whether the language of the act of the thirtieth general assembly is sufficiently broad to make an appropriation of money from the state treasury which may be used for the purpose of paying the expenses incurred in the capture and return of an insane patient under the provisions of section 2287 of the code.

In reaching a conclusion as to whether the statute under consideration is sufficiently broad to appropriate money from the state treasury, it is important to examine the language of the various provisions of the statute which have been construed as making such an appropriation.

Section 121 of the code provides:

“The auditor of state, upon presentation to him of the foregoing certificate, shall draw his warrant upon the treasurer of state for the amount therein stated to be due”.

Section 211 provides that the attorney general shall receive his actual expenses when engaged in the transaction of business elsewhere than at the seat of government.

Section 1904 provides for the payment of the per diem and expenses of an examiner of building and loan associations from the state treasury.

Section 2115 of the code provides that the cost of the examination of the books, papers and documents of any railway corporation by the board of railroad commissioners shall be paid by the state upon the certificate of the board.

Section 2283 of the code provides that patients in a hospital having no legal settlements in the state, or whose legal settlement cannot be ascertained, shall be supported at the expense of the state.

Section 2386 provides that the expenses incurred by the commission of pharmacy shall be audited by the executive council and the amount thereof shall be drawn from time to time upon the warrants of the state auditor.

Section 2480 of the code provides that the members of the board of mine examiners shall receive as compensation for their services the sum of five dollars per day for the time actually employed, with necessary traveling expenses, which shall be audited and paid in the manner provided for the payment of the salaries of other state officers.

Section 2483 provides that mine inspectors shall receive for their services the sum of \$1200 per annum, and actual traveling expenses, not exceeding \$500 yearly, the traveling expenses to be paid quarterly upon an itemized statement duly verified and audited by the state auditor.

Section 2502 provides that the members of the board of geological survey shall be allowed actual expenses incurred in attending to the duties assigned to them, which shall be paid out on warrant of the state auditor on the presentation of bills duly audited and allowed.

Section 2538 provides that the state veterinary, when engaged in the discharge of his duties, shall receive the sum of five dollars per day and his actual expenses, the claim therefor to be itemized, verified, accompanied with written vouchers and filed with the state auditor, who shall allow the same and draw his warrant upon the treasurer therefor.

Section 2618 provides for the payment of the per diem and expenses of the regents and trustees of state institutions, and that the auditor shall draw his warrant upon the treasurer of state for the amount thereof upon the filing of the itemized bills showing the date of such services and the amount of the expenses incurred.

Section 5181 provides for the payment of expenses incurred in the arrest of fugitives from justice, and that the same shall be paid out of the general revenue of the

state when an itemized and sworn statement thereof is approved by the governor and at least two other members of the executive council.

Chapter 73 of the acts of the twenty-seventh general assembly provides that the expenditures incurred by the superintendent of public instruction in conducting examinations shall be paid by the state treasurer upon a warrant drawn by the state auditor therefor.

Section 3 of chapter 82 of the acts of the twenty-eighth general assembly provides that the board of mine examiners shall receive the sum of five dollars per day for every day actually employed in the discharge of their duties, with their actual expenses incurred, which expense shall be itemized, verified as provided by section 2880 of the code, and paid from the state treasury.

Section 4 of chapter 144 of the acts of the twenty-eighth general assembly provides that a person appointed by the board of control to inspect certain state institutions, shall be allowed such sum as the board may in its discretion deem proper, not to exceed five dollars per day, and actual expenses incurred, which shall be paid in the manner provided by chapter 118 of the acts of the twenty-seventh general assembly, regulating the expenses of the board of control.

In none of the provisions of the statutes quoted has the legislature in direct terms declared that an appropriation is made from the state treasury, but the language therein used has been held by the executive and legal departments of the state to make an appropriation of money from the state treasury in compliance with the provisions of the constitution. This construction of these statutes has been acted upon for many years in the transaction of the business of the state, and any other holding at this time would be extremely detrimental to the business of the different state departments. The construction given these statutes finds support in the decisions of the courts of the different states.

In *Proll v. Dun*, 80 Cal., 226, it was held that a similar provision of a state constitution did not require that in making an appropriation the legislature should designate any particular fund or state specifically that the money is appropriated out of any moneys in the treasury not otherwise appropriated.

In *State v. Bordelon*, 6 La. Ann., 68, it was held that it was not necessary that the legislature should use the word "appropriated" in making an appropriation. In that case it is said:

"It is contended that this is not a specific appropriation, nor indeed any appropriation at all. The first thing that impresses itself upon the mind is that the general assembly intended the act to be an appropriation act. This is evident from its title. Has the legislature in the body of the law failed to accomplish its intention? What is the meaning of the word 'appropriate'? It is to allot, assign, set apart, apply, anything to the use of a particular person or thing, or for a particular purpose. This may be done without using the word 'appropriate' itself. And this act certainly does assign, allot and set apart a certain portion of the public money not otherwise appropriated, and direct said portion to be paid to particular persons for a given purpose. There are no formal words required to be used in an appropriation bill. The constitution has not undertaken to direct what technical language shall be employed. This has been wisely and safely left to the legislative power and they seem to have used their right in this instance in such manner as to leave no doubt what they meant to do or of what they did".

There can be no doubt of the intention of the legislature in enacting the provisions of chapter 79 of the acts of the thirtieth general assembly. By that act the amount of money required to pay the expenses incurred by the superintendent of the hospital for the insane, or by the commissioners of insanity of a county, in capturing and returning an escaped patient to the hospital, was intended to be appropriated from any money in the state treasury

not otherwise appropriated. The statute falls directly within the class of those which have been cited, and which have been held for many years to constitute an appropriation from the treasury of the state. The word "appropriate" is not used, nor is it necessary in making an appropriation of money by the state legislature. It is sufficient if the language warrants the construction that an amount of money is set apart by the legislature for the purpose of meeting the expenses which it is intended to pay. This has been done in the statute referred to, and it must be held to be a sufficient appropriation by the legislature to warrant the payment of the expenses incurred when the sworn statements thereof are approved by the superintendent of the hospital and the board of control.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

December 29, 1904.

TO THE HONORABLE BOARD OF CONTROL
of State Institutions.

EDUCATIONAL BOARD OF EXAMINERS—PAYMENT OF EXPENSES INCURRED BY—The individual members of the educational board of examiners must file with the executive council an itemized sworn statement of all expenses incurred and days' service for the preceding month, but the certificate of the state superintendent of public instruction need not be attached thereto.

SIR—I am in receipt of your communication of the 4th instant requesting my opinion upon the following questions:

1. Does chapter 7 of the laws of the thirtieth general assembly repeal the law quoted, (a) as to members of the educational board of examiners; (b) as to persons employed by said board?

2. If repealed in whole or in part, is the superintendent of public instruction in any of his official capacities required to certify as to anything concerning claims for work done or expenses incurred under said section? If so, (a) in what official capacity; (b) to whom, and (c) to what shall he certify?

In reply thereto I beg to say:

First—Chapter 7 of the laws of the thirtieth general assembly does amend and so far repeal the provisions of section 3634-a of the supplement to the code as to require the members of the educational board of examiners to file with the secretary of the executive council an itemized and sworn statement of all expenses and days' service with dates and amounts for the month preceding the time of filing such statement.

Second—It does not alter or change the provisions of the section of the supplement to the code referred to so far as that section relates to the employment of persons by the board of educational examiners to assist in conducting examinations. Such assistants are to be paid under the provisions of the section referred to and upon the certificate of the superintendent of public instruction to the auditor of state as therein required.

Third—The sworn itemized accounts required by the provisions of chapter 7 of the laws of the thirtieth general assembly must be made by the individual members of the state board of examiners, and no certificate of the superintendent of public instruction is required to be attached thereto.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

January 11, 1905.

HON. JOHN F. RIGGS,

Superintendent of Public Instruction.

**BOARD OF SUPERVISORS—SALARY OF ASSESSORS AS CENSUS
ENUMERATORS—PERFORMANCE OF DUTIES BY AN OFFICER**

—(1) It is the official duty of each assessor to take the census within his assessment district at the time specified by law, and the board of supervisors fixes his compensation which shall not exceed two dollars per day. (2) No person elected to office has the legal right to refuse to perform the duties of such office.

Des Moines, January 13, 1905.

HON. A. H. DAVISON,

Secretary Executive Council.

DEAR SIR—I herewith submit the following answers to the questions referred to me, relating to the powers of the boards of supervisors of the respective counties in the state, and the duties of assessors of the different assessment districts, to perform the work required in taking the state census of 1905.

First—Has the board of supervisors a legal right to fix the amount of pay the assessors shall receive for taking the census?

Section 592 of the code provides:

“Each township assessor shall receive in full for all services required of him by law, a sum to be paid out of the county treasury and fixed annually by the board of supervisors of the county at the January session; said compensation shall be for the succeeding year, and shall not exceed the sum of two dollars for each day of eight hours which said board determines may necessarily be required in the discharge of the official duties of such assessor”.

Section 2 of chapter 8 of the laws of the thirtieth general assembly makes it the duty of the assessor at the time of assessing property in the year 1905, and every ten years thereafter, to take the census in his township, municipality or division thereof, and make entry upon such blanks of all matters therein required to be enumerated or returned, and return the same to the county audi-

tor on or before the first day of June of the census year. Under this provision of the statute it becomes a part of the official duty of each assessor to take the census within his assessment district in the year 1905. The taking of such census is a part of the services required of him by law in his official capacity; and the board of supervisors of his county is authorized and empowered under the provisions of section 592, to fix his compensation which shall not exceed two dollars for each day of eight hours for the time which the board determines may necessarily be required in the discharge of the official duties of the assessor.

Second—In case they do so fix their salaries, and the assessors consider it too low, have they a right to refuse to do the work?

This question admits of but one answer: No person who is elected to an office has the legal right to refuse to perform the duties of that office because he considers the compensation inadequate to the work to be performed. It is clearly the duty of each assessor in his assessment district to take the census as required by law and for the compensation which is fixed under the statute by the board of supervisors. Such compensation should be reasonable and adequate for the amount of work required in taking such census, but no assessor has the right to refuse to take such census because he considers the compensation insufficient. If any assessor who has been elected to that office for any reason does not wish to perform the duties of the office so far as the same relate to the taking of the census, he should resign and some one should be appointed to perform the work required.

Third—Section 3 of chapter 8 of the laws of the thirtieth general assembly provides:

“When any assessor fails to perform the duties required in this chapter, such auditor shall appoint some suitable person to take the census as provided herein at as early a day as practicable, at the expense of the county”.

Under the provisions of this section, if an assessor neglects or refuses to take the census in his assessment district as required by law, it is the duty of the county auditor to at once appoint some suitable person to take such census, which shall be done at the expense of the county. Under such appointment, the county would be liable for a reasonable compensation to be paid to the person appointed by the auditor.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

INSURANCE—CHARACTER OF RISKS DEFINED BY STATUTE—
POWER OF LEGISLATURE TO REGULATE INSURANCE BUSINESS—(1) The death of live-stock by disease is not a contingent event which may be made the subject of legal insurance. (2) Unincorporated associations, partnerships and individuals must in every particular comply with the law regulating insurance in order to lawfully conduct such business.

SIR—Complying with your request for an opinion as to the construction of sections 1709 and 1751 of the code, I beg to submit the following:

The questions propounded under these sections and upon which I am asked to pass are as follows:

1. Do the provisions of subdivision 4 of section 1709 contemplate that an insurance company may be formed or authorized for the purpose of insuring live stock against loss resulting from death by disease? Is death by disease an unknown or contingent event which may be the subject of legal insurance within the meaning of subdivision 4 of said section?

2. Is it not the intent and policy of the law that all insurance business which may be safely and legally transacted in this state must be expressly authorized, and

under the supervision of the state; and that the kinds of insurance not authorized cannot be written either by corporations or individuals?

3. Do not the provisions of section 1751 of the code require all companies, partnerships, associations and individuals who desire to engage in the insurance business under the provisions of chapter 4 of title IX of the code, to comply with the requirements of all of the sections of said chapter from section 1684 to section 1750 inclusive, including the requirement to incorporate?

4. In other words, Was it not the legislative intent in the enactment of section 1751 that, while the individuals or unincorporated associations then in the insurance business might continue therein by complying with the legal requirements as to the nature and conduct of their business, all individuals and partnerships or unincorporated associations which might thereafter engage in the insurance business, must comply with all of the requirements of said chapter 4?

These questions will be considered substantially in the order stated.

First—Section 1709 of the code, as amended by the acts of the twenty-eighth and twenty-ninth general assemblies, specifically names and describes all of the casualties, contingent events and risks against which incorporated companies may insure. The legislature, having thus specifically defined the character of risks against which companies may write insurance, has thereby, under the well known maxim of law: "*Expressio unius est exclusio alterius*," withheld from such company the right to insure against casualties, contingent events and risks not specified in the section referred to. That is, insurance companies organized under the laws of this state are permitted to insure only against the casualties, contingent events and risks named in section 1709 of the code.

Subdivision 4 of the section referred to provides that such companies may insure horses, cattle and other live stock against loss or damage by accident, theft or any unknown or contingent event which may be the subject of legal insurance. The question, therefore, arises as to whether the death of live stock by disease is an unknown or contingent event which may be made the subject of legal insurance by companies organized under the laws of this state.

The death of animals by disease is not an unknown or contingent event. Eliminating the question of death by accident, against which companies are specifically given the right to insure, death by some form of disease is certain to occur, and it cannot fairly be said to be a contingent event which may be the subject of legal insurance by companies organized under the laws of Iowa.

Webster defines "Contingent":

"1. Possible or liable but not certain to occur; incidental; casual.

3. (Law) Dependent for effect on something that may or may not occur".

The synonyms of the word are given as "Accidental; incidental; casual; fortuitous".

It therefore appears to be clear that the legislature has not authorized companies organized under the laws of this state to insure live stock against death by disease.

Second—The conclusion reached in the first division of this opinion is an answer to the second question upon which my opinion is asked. No company organized under the laws of Iowa can legally insure against any casualty, contingent event, or assume any risk, which is not expressly authorized by statute.

Third—While I am not prepared to say that the provisions of section 1751 of the code permit only incorporated companies to carry on the business of insurance in this state, I am clear that all unincorporated associations,

partnerships or individuals must, in every particular, fully comply with the law regulating insurance other than life before they are entitled to issue policies of insurance upon any of the risks permitted by section 1709 of the code.

Such unincorporated associations, partnerships or individuals must have the amount of capital required of incorporated companies, and are subject to examination by the auditor as are corporations organized for the purpose of carrying on an insurance business, and have no right to issue policies for any purpose until they have received the certificate of the auditor authorizing them to do business within the state. Such associations, partnerships or individuals are limited to the class of risks which incorporated companies are permitted to insure against, and must make their annual statements to the auditor as is required of such incorporated companies.

Under the provisions of section 1747 of the code, any person, association or partnership which issues policies of insurance without having fully complied with the provisions of chapter 4 of title IX of the code, is guilty of a misdemeanor and liable to a fine of one thousand dollars and to imprisonment in the county jail for one year. Every such association, partnership or individual stands upon the same footing as an incorporated insurance company, so far as the compliance with all of the provisions of chapter 4 of title IX, relating to the manner of carrying on insurance business in the state, is concerned.

It may be suggested, as has been urged before the insurance department of the state, that it is the right of every individual within the state to enter into a contract of insurance with another, and that any statute which attempts to prohibit such contract is unconstitutional because it abridges the liberty of contract; and that it follows, therefore, that an unincorporated association, partnership or individual has the right to enter into contracts of insurance and to insure against risks, casualties and contingent events without complying with the provisions of the statute referred to.

With this contention I cannot agree, as it is clearly the right of the legislature to regulate the business of insurance and to provide the manner in which it shall be conducted within the state. The recent case of *Brady v. Mattern*, which is reported in 100 Northwestern Reporter, at page 358, is directly in point upon this question, and Mr. Justice McClain, speaking for the court, after a careful review of all of the cases bearing on the question involved, said:

“It is hardly necessary to now enter into any discussion of the right and duty of the legislature to regulate the various businesses conducted by banking, insurance and building and loan associations. Such right and duty have been recognized by legislation in practically all of the states of the Union; and conceding, as we must, that such legislation is valid, that is, that these various forms of business may properly be regulated by the legislature in the exercise of the police power, we reach the conclusion that it is within the power of the legislature, if, in the exercise of its discretion, it sees fit to so enact, to limit such business to incorporated associations”.

The legislature of Iowa has undertaken to regulate the business of insurance within this state, and, by the provisions of section 1751, has declared that such regulation applies equally to partnerships, individuals and unincorporated associations. The provision of the legislature does not prohibit the business of insurance; it regulates it. It in substance says to all persons, partnerships, associations and corporations: If you wish to carry on the business of insurance you must provide the capital required by statute, submit your affairs to the examination of the auditor of state, and obtain his permit to transact an insurance business under the laws of the state. That such power exists in the legislature cannot at this time be questioned.

The conclusion which must therefore be reached is that no individual, partnership or unincorporated association is authorized under the laws of Iowa to insure live stock

against death by disease; nor can any such individual, partnership or unincorporated association transact or carry on the business of insurance within this state unless such individual, partnership or association has complied with the provisions of the statute regulating insurance other than life.

The conclusion reached under this division of the opinion fully answers the fourth question submitted, and it is not necessary to give further specific answer thereto.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

January 23, 1905.

HON. B. F. CARROLL,

Auditor of State.

BOARD OF CONTROL—Power to Designate and Approve the Institutions which Shall Have Charge and Control of Children Committed under Chapter II, Acts of Thirtieth General Assembly.

SIRS—In response to your request contained in your communication of August 4th, in which you ask my opinion upon the following questions:

1. Is the board of control of state institutions of Iowa authorized to designate and approve the Soldiers' Orphans' Home to receive normal neglected and dependent children under the act specified, the Institution for Feeble-minded Children to receive feeble-minded children of those classes, the Industrial School for Boys to receive delinquent boys and the Industrial School for Girls to receive delinquent girls?

2. If you answer the foregoing question in the affirmative in whole or in part, from what fund or source can the institution or institutions which may receive such

children on our designation and approval obtain the money necessary for the support of children committed thereto?

3. Since the board of control of state institutions believes the institutions named are proper ones to receive the classes of children as specified, is it the duty of the board to designate and approve them for that purpose, or has it the lawful right to elect whether to do so or not?

I respectfully submit:

First—Section 14 of chapter 11 of the acts of the thirtieth general assembly lodges in the board of control of state institutions the power to designate and approve the institutions and associations which shall have charge and control of the children committed under the provisions of said act; and it is clearly within the power of such board to designate the Soldiers' Orphans' Home at Davenport as a proper institution to which normal dependent children may be sent by the courts. It is equally within the power of the board to designate the Institution for Feeble-minded Children, and the Industrial School at Eldora for delinquent boys, and the Industrial School at Mitchellville for delinquent girls.

Second—The cost of the support of the children sent to the institutions designated by the board of control of state institutions must be paid in the same manner as the cost of the support of other inmates of such institutions.

Section 2691 of the code appropriates, out of any money in the state treasury not otherwise appropriated, or so much thereof as may be needed, twelve dollars monthly for each child actually supported in the orphans' home and home for destitute children at Davenport. Similar appropriations are made for the support of the children in the institution for the feeble-minded and in the industrial schools of the state. These appropriations provide a fund for the payment of the cost of the support of the children committed under the provisions of chapter 11 of the acts of the thirtieth general assembly.

Third—Section 14 of the act provides that the board of control shall designate and approve the institutions and associations to have charge of the juveniles committed under the act. The language of the provision is mandatory and must, in my opinion, be construed as requiring the board to designate and approve the institutions to which such children may be committed. That is, the board must act according to its best judgment and discretion.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

January 24, 1905.

TO THE HONORABLE BOARD OF CONTROL
of State Institutions.

BOARD OF MEDICAL EXAMINERS—AUTHORITY TO SUBPOENA WITNESSES—NUMBER OF EXAMINATIONS BY APPLICANT FOR CERTIFICATE TO PRACTICE—(1) The State Board of Medical Examiners has no power to compel the attendance of witnesses in any investigation before it. (2) The statute does not limit the number of examinations which may be taken by an applicant for license to practice medicine.

SIR—Complying with your request of the 20th instant for my opinion upon the following questions:

1. Has the state board of medical examiners authority to subpoena witnesses before it in the investigation of charges against physicians, or in determining the standing of medical colleges; and if such authority exists, is a constable or other peace officer compelled to serve a subpoena requiring attendance of such witnesses?

2. How often can an applicant for a certificate to practice medicine or osteopathy be admitted to examination?

3. Has the board a right under the statute to admit applicants for certificates to more than two examinations, and if so can the board prescribe what the limit shall be?

I respectfully submit:

First—State boards and commissions of the character of the state board of medical examiners are clothed only with the authority which is expressly given by statute, and with such incidental powers as are necessary to the performance of the duty imposed upon them by law. The power to subpoena witnesses and compel their attendance exists as a part of the sovereign power of the state, and such power can only be conferred upon inferior bodies or tribunals by express statutory enactment.

There is no provision in the statute authorizing or empowering the state board of medical examiners to issue subpoenas for witnesses and to compel their attendance in obedience thereto. In the absence of such statutory enactment, the power does not exist. The board therefore has no power to compel the attendance of witnesses in any investigation which it desires to make.

This being true, a constable or other peace officer of the state is under no legal obligation to serve a subpoena issued by the board.

Second—I find no provision of the statute that limits the number of examinations which may be taken by an applicant for license to practice medicine. Section 2576 of the code provides:

“Any one failing in his examination shall be entitled to a second one within three months thereafter, without further fee. If any person shall by notice in writing apply to the secretary of the board for an examination or a re-examination, and it fails or neglects for three months thereafter to give him the same, he may, notwithstanding any provision of this chapter, practice medicine until the next regular meeting of the board, without the required certificate.”

The first clause of the provision quoted does not attempt to limit the number of examinations which may be taken by an applicant. It simply provides that if he fails in his first examination, he is entitled to a second within three months thereafter, without paying any additional fee. The applicant must pay the fee required by statute for any examination taken by him after the second examination.

Nor do I find any authority conferred upon the board to limit, by resolution or otherwise, the number of examinations which may be taken by an applicant, if he pays the fee required by statute therefor. Such power must be conferred by statute before it can be exercised by the board.

The last clause of the statute above quoted simply gives an applicant the right, after he has applied in writing to the secretary of the board for an examination or a re-examination, and the board neglects for three months thereafter to give him the same, to practice medicine until the next regular meeting of the board, without the required certificate. Under this provision I think it is clear that he must appear at the next regular meeting and take the examination if he wishes a certificate. If such examination is his first, he is, within three months thereafter, entitled to a second examination without paying an additional fee. If he fails in his second examination, he loses his right to practice medicine under the notice provided for by statute, and is not entitled to take another examination except upon the payment of the statutory fee.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

January 24, 1905.

DR. J. F. KENNEDY,

Secretary State Board of Health.

REGISTRAR OF VITAL STATISTICS—COMPENSATION OF—The registrar of vital statistics in cities is the health officer thereof, and is not entitled to receive any other salary or compensation than that fixed by the local authorities.

SIR—Replying to your favor, enclosing letter of Strong and Whitney of Sioux City, in which my opinion is asked as to the compensation to which the registrar of vital statistics in cities exceeding ten thousand in population, is entitled, I beg to say:

Section 2 of chapter 100 of the acts of the thirtieth general assembly provides:

“Local registrars of vital statistics shall be the health officers of cities and the clerks of townships”.

Under this provision of the statute the health officer of every city in the state is made the local registrar of vital statistics.

Section 6 of the act, which provides for the compensation which such local registrars are entitled to receive, contains this provision:

“Provided further, that city registrars of cities having ten thousand population or more by the last United States census, shall receive no special compensation other than that included in their salaries for acting as registrars under this act.”

The thought which appears to have been in the minds of the legislators in enacting this provision is that the health officers in cities having a population exceeding ten thousand, would receive, from the cities in which they are appointed, a salary sufficient to compensate them for the duties imposed by chapter 100 of the acts of the thirtieth general assembly; and that they should receive no other compensation for that work than the salary so fixed by the local authorities.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

January 24, 1905.
DR. J. F. KENNEDY,
Secretary State Board of Health.

TAXATION—PAYMENT OF TAXES UNDER PROTEST—The Treasurer of State may receive taxes paid under protest, but he is under no obligation to receive or file such protest, or embody in the receipt given the fact that protest was made.

SIR—I beg to acknowledge the receipt of your favor of the 24th instant in which you request the advice of the law department of the state as to the following questions relating to the payment of taxes to the state treasurer and the issuance of receipt therefor:

1. Where payment is tendered under protest, the protest being written and accompanied by a request that we file the same in the office.

2. Where the protest is written but without request to file.

3. Where the protest is verbal—
and respectfully submit the following opinion thereon:

First—Any person who is required to pay taxes to the treasurer of state may, if he believes that such taxes are illegally exacted from him, pay the same under protest, and it is the duty of the treasurer of state to receive the taxes so tendered, although paid under protest by the person from whom the same are collected.

Second—There is no obligation resting upon the state treasurer to receive and file any written protest which may accompany a payment of taxes.

Third—Where the protest is in writing and no request is made to file the same, the treasurer of state is under no obligation to receive such written protest or to retain the same.

Fourth—Where the protest is verbal, it is the duty of the treasurer to receive the taxes offered by the taxpayer, and in either case to issue his receipt therefor. It is no part of the duty of the treasurer to embody or write

in the receipt given, the statement that the taxes for which it is issued were paid by the taxpayer under protest.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

January 25, 1905.

HON. G. S. GILBERTSON,

Treasurer of State.

FEES AND EXPENSES OF STATE BOARDS AND DEPARTMENTS OF STATE—CHAPTER 7, ACTS OF THE THIRTIETH GENERAL ASSEMBLY CONSTRUED—It is held that the auditor of state and the treasurer of state must keep open accounts of such funds that arise from moneys received as fees from state boards and officers, and any unexpended balance thereof cannot be covered into the general funds of the state treasury.

SIRS—I beg to acknowledge the receipt of a communication from your Secretary, Mr. A. H. Davison, informing me that you desire my opinion as to the date at which any balance of funds or fees deposited in the state treasury under the provisions of section 1 of chapter 7 of the acts of the thirtieth general assembly, or other funds which are subject to the payment of the expenses and per diem of members of boards, commissions or departments of state and state officers, which the executive council is required to audit under section 3 of the act, shall be covered into the general funds of the state treasury.

In response to such request I beg to submit the following opinion:

The question is not without difficulty. Chapter 7 of the acts of the thirtieth general assembly provides an entirely new method for the payment of expenses and per diem of members of boards, commissions and departments of state, and requires that all money received by such boards, commissions and departments shall be paid

into the state treasury, and the expenses and compensation of the members of the boards and commissions shall be paid by the treasurer of state out of the funds paid into the treasury by such boards and commissions, after all items of per diem and expense are approved by the executive council.

Section 3 of the act further provides:

"The treasurer of state and auditor of state shall each keep an account of the moneys paid in under the provisions of this act, where the law now provides or may hereafter provide that the amounts allowed for per diem and expenses shall be limited to or paid from fees collected. The auditor's warrant shall be drawn against the funds realized from such fees, and shall not exceed the amount thereof."

Under this provision, the treasurer of state and auditor of state are required to keep an account of all the moneys paid in to the state treasury under the provisions of chapter 7 of the acts of the thirtieth general assembly, and to pay from such accounts the expenses and per diem to which members of boards and commissions are entitled, after the accounts thereof have been audited by the executive council.

All provisions of the code, which are in conflict with chapter 7 of the acts of the thirtieth general assembly, relating to the disposition of the moneys received by state boards and commissions, and the manner in which the members thereof were paid their per diem and expenses, are repealed by chapter 7 of the acts aforesaid. The provisions of that chapter must be held to control the disposition of all money received by such boards and commissions and the manner of payment of the per diem and expenses of their members.

The treasurer of state and auditor of state are directed to keep accounts of such funds received by them, and there is no provision in the act referred to for covering such funds, or any unexpended balance thereof, into

the general funds of the state treasury. In the absence of such a provision, I think that chapter 7 of the acts of the thirtieth general assembly must be construed to require the treasurer of state and the auditor of state to keep open accounts of such funds for the payment of the per diem and expenses provided for in the act, and that such funds or any unexpended balance thereof cannot, under the existing law, be covered into the general funds of the state treasury.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

January 27, 1905.

TO THE HONORABLE EXECUTIVE COUNCIL
of the State of Iowa.

SCHOOL ELECTIONS—REGISTRATION OF VOTERS—The statute requires a registration of electors at all elections in school districts having a population of five thousand or more.

SIR—I am in receipt of your communication of the 31st instant, enclosing a letter of Mr. A. J. Edwards of Waterloo, Iowa, in which you ask for an opinion as to whether in school districts having a population of five thousand or more a registration of the electors is required at an election of such district. In compliance with such request I beg to submit the following opinion:

Section 1078 of the general law, providing for the registration of voters at general and special elections, contains the provision that no registration of voters for school elections shall be required, and such provision will be effective, unless it has been repealed, either directly or by implication, or is controlled by other special provisions of the statute.

Section 2755 of the code provides:

“Each school corporation having five thousand or more inhabitants, may be divided into not more than five precincts, in each of which a poll shall be held at a convenient place fixed by the board of directors, for the reception of the ballots of the voters residing in such precinct. A separate register of the voters of each precinct shall be prepared by the board from the register of the electors of any city included within such corporation, and for that purpose a copy of such register of electors shall be furnished by the clerk of the city to the board of directors. Before each annual meeting, these registers shall be revised and corrected by comparison with the last register of elections of such city, and shall have the same force and effect at school meetings held under this section in respect to the reception of votes thereat, as the register of election has by law at general elections
* * * .”

This section of the code was amended by the enactment of chapter 105 of the acts of the twenty-eighth general assembly, by striking out the words “not more than five precincts” in the third line, and inserting in lieu thereof; “Such number of precincts as the board of directors shall determine”.

It was again amended by chapter 125 of the acts of the twenty-ninth general assembly, by substituting a period for the semi-colon after the word “elections” at the end of the thirteenth line, and inserting after such period the following provision:

“The board of directors of such school corporation, on or before the last Monday preceding such election, shall appoint two suitable persons to be registrars in each of the election precincts of such school corporation for the registration of voters therein, who shall have the same qualifications as registrars appointed for general elections, and shall qualify in the same manner and receive the same compensation, to be paid by the school corporation. The registrars shall meet on the day of election at the voting place in the precinct in which they have been

appointed, and shall hold continuous session from nine o'clock in the forenoon until seven o'clock in the afternoon. Any person claiming to be a voter and who is not already registered in the proper precinct, may appear before them in the election precinct where he claims he is entitled to vote, and make and subscribe under oath a statement in the registry book; which oath and statement shall be of the same general character as that prescribed by section 1077 of the code, and shall thereupon be granted a certificate of registration."

Were it not for the provision of section 1078 quoted, it would be at once conceded that section 2755, as amended, requires the registration of voters at school elections in districts having a population of five thousand or more. The legislature has specifically provided the method and manner in which such registration shall be made, and has, by two amendments made since the adoption of the code, recognized that the provisions of that section require the registration of voters in such school districts.

It is a well settled rule of statutory construction that where there is a specific act of the legislature covering a particular subject, general statutes relating to the same subject, if repugnant to the special act, must give way and the special statute will control.

Section 1078 is a part of the general election law of the state, and will control, except where the legislature has, by specific enactment, declared a different rule to exist.

Section 2755, as amended by the acts of the twenty-eighth and twenty-ninth general assemblies, is a part of chapter 14 of the code, which relates to the system of common schools in the state. The chapter is a specific act relating to the particular subject of common schools, and in that sense is special in its character.

The provisions of section 2755, which relate to the registration of voters in school districts having a population of five thousand or more, must therefore be held

to control the question of such registration, and to require a registration of electors at all elections in school districts having a population of five thousand or more, as therein provided.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

January 31, 1905.

HON. JOHN F. RIGGS,
Superintendent of Public Instruction.

CONVICTS—DISCHARGE OF FROM STATE PENITENTIARY—A prisoner in a state penitentiary must serve the full term for which he was sentenced, which term shall be computed from and including the day on which he was received, and exclusive of time spent in solitary confinement.

Des Moines, February 2, 1905.

HON. N. N. JONES,
Warden of Penitentiary,
Fort Madison, Iowa.

DEAR SIR—I am in receipt of your favor of the 1st instant in which you request my opinion as to the construction which should be given section 5682 of the code relating to the discharge of convicts from the penitentiaries of the state.

This section provides:

“No convict shall be discharged from the penitentiary until he has remained the full term for which he was sentenced, to be computed from and including the day on which he was received into the same, exclusive of the time he may have been in solitary confinement for any violation of the rules and regulations of the prison, unless he be pardoned or otherwise released by legal authority.”

The language of this section is clear, explicit and susceptible of but one construction, and that is, in computing the time which a prisoner must serve in the peni-

tentiary under a sentence imposed upon him, the time during which he has been in solitary confinement for any violation of the rules and regulations of the prison, must be excluded from the computation; that is, the prisoner must serve the full term for which he was sentenced and such term shall be computed from and including the day on which he was received into the penitentiary, exclusive of the time he may have been in solitary confinement.

The provisions of this section must be read in and as a part of every judgment by which a prisoner is sentenced to serve a term in the penitentiary, and such judgment must be construed as fixing the term of the sentence which the prisoner shall serve, exclusive of the time he is in solitary confinement for any violation of the rules or regulations of the prison.

This construction does not add anything to the term for which the prisoner is sentenced; it simply excludes from the computation of such term the time he is in solitary confinement.

This question was submitted to my predecessor, Mr. Remley, and his opinion given thereon is in accordance with the conclusion which I have reached.

Under our statute it is clear that the time during which a prisoner is in solitary confinement is no part of the sentence which he is required to serve under the judgment of the court.

I am,

Yours very truly,
CHAS. W. MULLAN,
Attorney-General.

TAXATION—LIABILITY OF MEMBERS OF THE NATIONAL GUARD TO PAY POLL TAX—Members of the National Guard during their term of service cannot be required to pay a poll or capitation tax.

SIR—In compliance with your request for an opinion as to whether the members of the Iowa National Guard

are exempt from the payment of the capitation tax required by subdivision 2 of section 1303 of the code to be levied on each male resident over twenty-one years of age, I beg to submit the following:

Section 2209 of the code provides:

“Every officer and soldier of the guard shall be exempt from jury duty and poll tax during his term of service * * * .”

The question which then arises is whether the capitation tax, required to be levied on each male resident over the age of twenty-one years under the provisions of section 1303, is a poll tax within the meaning of the provisions of section 2209.

Poll tax is defined by Bouvier as—

“Capitation tax; a tax assessed on every head, i. e., on every male of a certain age, etc., according to statute.”

The definition given in the American and English Encyclopedia of Law is:

“A poll tax or capitation tax is a tax for a specific sum laid upon the individual simply, without reference to his property, business, or employment.”

This definition is supported by the following cases:

Hylton v. United States, 3 Dall., 171;

Head-Money Cases, 18 Fed. Rep., 135;

Glasgow v. Rowse, 43 Mo., 480;

Gardner v. Hall, 61 N. C., 21.

In *Hylton v. United States*, *supra*, it is said by Mr. Justice Chase:

“I am inclined to think, but of this I do not give a judicial opinion, that the direct taxes contemplated by the constitution, are only two, to-wit, a capitation or poll tax, simply, without regard to property, profession or any other circumstance; and a tax on land”.

These definitions are logically correct and, under the authorities cited, the tax provided for in subdivision 2 of section 1303 must be held to be a poll tax and to fall within the provisions of section 2209 which exempt every officer and soldier of the National Guard from the payment of poll tax during his term of service.

I am therefore of the opinion that the members of the National Guard during their terms of service cannot lawfully be required to pay the capitation tax required to be levied by the provisions of section 1303.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

February 6, 1905.

HON. W. H. THRIFT,

Adjutant General of Iowa.

INSURANCE—AGENTS' LICENSE FEES—Fees paid to the auditor of state by an insurance company are held by him as trustee until the license is issued:

SIR—I am in receipt of your favor of the 2d instant, in which you request my opinion as to when the money received by you from insurance companies for the purpose of paying for licenses to be issued to the agents of such companies, is required to be paid into the state treasury under the provisions of chapter 7 of the acts of the thirtieth general assembly. In compliance with your request I beg to submit the following:

The money received by you from insurance companies to be applied in payment of the licenses which you are required under the statute to issue to its agents, must be held by you as trustee of such insurance companies until you have made the proper investigation for the purpose of determining whether the licenses requested by the insurance companies should issue or not. **Such money** does not become the property of the state until the

licenses requested by the insurance companies have been issued by you and the money applied in payment thereof. After you have investigated the condition of an insurance company applying for licenses to its agents, and have issued such licenses as requested, and applied the money received by you from the company in payment of such licenses, the money then becomes the property of the state and should be paid over to the treasurer of state by the fifteenth day of the following month.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

February 6, 1905.

HON. B. F. CARROLL,

Auditor of State.

COLLATERAL INHERITANCE TAX—REPORT OF COUNTY ATTORNEY TO TREASURER OF STATE—COMPENSATION—(1) A county attorney is not entitled to a reporting fee upon any estate other than that in the county in which he holds office. (2) The maximum reporting fee of the county attorney is twenty dollars. (3) The county attorney who discovers and reports an estate subject to tax is entitled to the fee.

SIR—I am in receipt of your favor of the 7th instant in which you request an opinion upon the following questions:

1. Is a county attorney authorized to report an estate or property which is in a county other than that in which he holds office and which is liable to pay collateral inheritance tax, and to receive the statutory fee for reporting the same?

2. If an estate is reported of sufficient value to entitle the attorney reporting the same to the maximum fee of twenty dollars, and afterward he or his successor in office discovers additional property belonging to the

estate subject to collateral inheritance tax, may a reporting fee be legally paid based on the tax collected on the value of the property subsequently discovered?

3. If the tax collected from an estate on the value of the property as originally reported is not sufficient to entitle the attorney reporting the same to the maximum fee, can a reporting fee be legally paid to his successor, based on the tax collected on the value of the property subsequently discovered, provided the total reporting fee does not exceed twenty dollars?

These questions will be considered in the order stated.

First—Section 1477-d of the supplement to the code provides:

“It shall be the duty of the county attorney of each county to report to the treasurer of state the death of all persons whose estates are liable to payment of the collateral inheritance tax, and the description of any property located in the county liable to such tax, and to perform such further legal services in the enforcement of said tax as he may be directed to do by the treasurer of state * * * .”

Rule 6 of the rules adopted in accordance with the provisions of section 6 of chapter 37 of the acts of the twenty-seventh general assembly provides:

“It shall be the duty of each county attorney to make examination from time to time of all reports filed with the clerk by administrators, executors and trustees, pursuant to law or the provisions of these rules; also to make examination of all foreign wills offered for probate or recorded within his county, as well as of the records of deeds and conveyances in the recorder's office of said county, and if from such examination, or from information or knowledge coming to him from any other source, he finds or believes that any property within his county, or within the jurisdiction of the district court of said county, has since July 4, 1896, passed by will or by the intestate laws of this or any other state, or by deed, grant, sale or gift, made or intended to take effect, in

possession or enjoyment after the death of the testator, donor or grantor, to any person other than to or for the use of the father, mother, husband, wife, lineal descendant, adopted child, the lineal descendant of an adopted child of a decedent, or to or for charitable, educational or religious societies, or institutions within this state, he shall make report thereof in writing to the clerk of the district court, embodying in such report, so far as he is able, all the facts mentioned in rule 2 of these rules, and cause the notice required by rule 3 hereof to be properly given and returned."

Rule 7 provides:

"The county attorney shall also attend and make report to the court concerning the progress of all cases pending for the collection of such tax, together with any other facts which, in his judgment, may aid the court in enforcing the general observance of the collateral inheritance tax law."

The statute and rules referred to require each county attorney within the state to act in his official capacity in reporting estates which are liable to pay a collateral inheritance tax. That is, by such statute and rules it is made a part of the official duty of each county attorney to report to the treasurer of state estates and property which should pay the collateral inheritance tax fixed by law. For the performance of such duty each county attorney is entitled to a compensation of ten per cent of the tax payable to the state, but such compensation shall not exceed the sum of twenty dollars in any one estate. The reporting of such estates and property to the treasurer of state being a part of the official duty of each county attorney, it can only be required of him in the county in which he holds office.

It follows as a corollary that a county attorney has no authority to make report of any estate which may be liable to pay collateral inheritance tax which is located in, and must be administered upon and settled in, any

county other than that in which he holds office and in which he is entitled to act in his official capacity.

The language of section 1477-d hereinbefore quoted, as well as that of rule 6, clearly indicates that it was the intention of the legislature to confine the acts of each county attorney to the estates and property which are within the jurisdiction of the courts of his county, which are liable to pay collateral inheritance tax, and not to confer jurisdiction beyond the county in which he holds office, nor to give him authority to report estates and property in other counties and receive the compensation fixed by law therefor.

No other construction can, in my opinion, be placed upon section 1477-d or upon rule 6. If county attorneys were permitted to go outside of their respective jurisdictions and report estates in counties other than those in which they hold office, the tendency would be to create confusion and uncertainty as to their duties, and as to whom the fee for reporting estates should be paid.

Under the view which I have taken of the proper construction and interpretation of the statute and rules governing the reporting of estates to the treasurer of state by county attorneys, I am of the opinion that a county attorney is not entitled to a reporting fee upon any estate in a county other than that in which he holds office, as such estate is beyond the jurisdiction of the courts of his county.

Second—The maximum fee fixed by statute to which a county attorney is entitled for reporting an estate liable to the payment of the collateral inheritance tax, is twenty dollars; and although property of more or less value may be discovered after his report is made, the discovery of such property cannot increase the amount of compensation to which such county attorney is entitled for making his report, if he has received the maximum sum provided by law. He would, of course, be entitled to the three per cent provided by statute on the amount of taxes collected

for his services in relation thereto, but under no construction of the statute would he be entitled to have the amount of his reporting fee increased in any estate beyond the maximum fee of twenty dollars.

Third—If, after a county attorney has reported an estate as liable to pay collateral inheritance tax, and received his fee for reporting the same, his successor in office discovers other property which was not discovered or reported by his predecessor, and reports the same to the treasurer of state as property liable to pay collateral inheritance tax, I think the county attorney who discovers and reports such property is entitled to a fee for reporting the same; but the entire fee paid both attorneys cannot exceed twenty dollars in any one estate.

The rule suggested is in accordance with the statute, and its adoption will, in my opinion, subserve the public interest.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

February 9, 1905.

HON. G. S. GILBERTSON,

Treasurer of State.

EXECUTIVE COUNCIL—Cost of transmitting census cards by county auditors to be paid by the state.

Des Moines, February 14, 1905.

MR. A. H. DAVISON,

Secretary Executive Council.

DEAR SIR—I am in receipt of your favor of the 10th instant, requesting my opinion whether the county or the state should pay the charges of transmitting the census cards to the executive council, where such cards

are requested by the council to be sent by express at frequent intervals for its convenience in expediting the compilation of the census. In reply, I submit that the language of section 4 of chapter 8 of the acts of the thirtieth general assembly indicates that the legislature intended that all of the census cards should be transmitted by the county auditor to the secretary of state at one time, and not later than the fifteenth day of July.

If, for the purpose of expediting the work of compiling the census returns, the executive council desires the census cards to be transmitted to the secretary of state at frequent intervals, the state will, in my opinion, be compelled to pay the cost of such transmission, as the act under which the state census is taken makes no provision for such transmission or for the payment of the cost thereof by the counties.

I am,

Very respectfully yours,

CHAS. W. MULLAN,
Attorney-General.

ROADS AND ROAD TAX—CONSOLIDATION OF ROAD DISTRICTS—
PAYMENT OF ROAD TAXES—Chapter 53 of the acts of the twenty-ninth general assembly requires that all road districts in each township in the state be consolidated into one district, and that all road taxes payable in money shall be collected by the county treasurer as other taxes.

Des Moines, February 16, 1905.

MR. A. H. DAVISON,

Secretary Executive Council.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 9th instant, in which you request my opinion as to the time when road taxes are payable under the statute. In reply to such inquiry I submit the following:

The general law relating to the payment of road taxes,

in force prior to the enactment of chapter 53 of the acts of the twenty-ninth general assembly, is found in section 1413 of the code, and provides that all road taxes payable to the county treasurer shall be due with the first installment of other taxes and subject to the penalty for non-payment as other taxes. This statute controlled the payment and collection of road taxes, except as provided by sections 1532 and 1533 of the code. The provisions of these sections, relating to the time of the payment of road taxes, are as follows:

Section 1532.

“The board of township trustees, at its regular meeting in April, may consolidate the road districts thereof into one road district, and it may at such meeting subdivide, returning to the former plan of road work, after a three years’ trial of the single district system. If this system shall be adopted, the road fund belonging to the several road districts shall at once become a general township road fund, out of which all claims for work done or material furnished for road purposes prior to the change, and unsettled, shall be paid.”

Section 1533.

“Where the one road district plan is adopted, the board of township trustees shall order and direct the expenditure of the road funds and labor belonging or owing to the township; may let, by contract, to the lowest responsible, competent bidder, any part or all of the work on the roads for the current year, or may appoint a township superintendent of roads, with one or more assistants, to oversee, subject to the direction of the board, all or any part of the work, but it shall not incur an indebtedness for such purposes unless the same has been or shall at the time be provided for by an authorized levy; and may order the township road tax for the succeeding year paid in money and collected by the county treasurer as other taxes * *.”

These sections vested in the board of township trustees discretionary power to consolidate the road districts of the township, and, when such consolidation was made, to

order and direct the expenditure of the road funds of the township, to let by contract to the lowest responsible bidder all or any part of the work on the roads, and to require the township road tax to be paid in money and collected by the county treasurer as other taxes. The power conferred upon the board of township trustees by the legislature was wholly discretionary. No obligation rested upon it to consolidate the road districts of the township or to require the road tax to be paid in money and collected by the county treasurer as other taxes.

If the board exercised the discretion given it by the legislature, and consolidated the road districts of the township and required that the township road tax be paid in money and collected by the treasurer as other taxes, the payment and collection of the taxes of the township in which the consolidation was made were governed by the provisions of the sections quoted, and not by the general law relating to the payment of road taxes. The road taxes of the township in which such consolidation was made, under the provisions of the sections referred to, became due and payable in two equal semi-annual installments as county and state taxes.

Under the law as it then existed, all road taxes in townships where there was no consolidation of the road districts, were payable with the first installment of county and state taxes, while the road taxes in townships where such consolidation had been effected were payable in two installments the same as other taxes.

By the enactment of chapter 53 of the acts of the twenty-ninth general assembly, section 1532 of the code was repealed. The discretion conferred upon the board of township trustees by that section, to consolidate the road districts of a township into one district and to require the tax to be paid in cash and collected as other taxes, was taken from such board, and every board of township trustees within the state was required at its regular meeting in April, 1903, to consolidate all of the road districts in the township into one road district.

By the same act, section 1533 of the code was amended by striking out the words "with one or more assistants" in the sixth line, and by striking out the word "may" in the ninth line of the section, and inserting the word "shall" in lieu thereof; and by striking out and inserting other words the effect of which is not material in this inquiry.

By striking out the word "may" in the ninth line of section 1533 of the code, and inserting the word "shall" in lieu thereof, the legislature made it mandatory upon the board of township trustees to require all road taxes to be paid in money and collected by the county treasurer as other taxes.

Section 1540 of the code, as amended by the acts of the twenty-ninth general assembly, is in harmony with the provisions of section 1533 as amended, and provides:

"He (the township clerk) shall, within four weeks after the trustees have levied the property road tax for the succeeding year, certify said levy to the county auditor, who shall enter it upon the tax books for collection by the county treasurer as other taxes."

Section 18 of the act of the twenty-ninth general assembly repeals all acts and parts of acts in conflict with the provisions of chapter 53.

The effect of the enactment of chapter 53 was to require that all road districts in each township in the state be consolidated into one district, and that all road taxes payable in money should be collected by the county treasurer in the same manner as other taxes. The provisions of section 1413, by which road taxes were made payable with the first installment of state and county taxes, and those of sections 1532 and 1533, by which a discretion was vested in the board of township trustees of each township, were repealed by section 18 of the act of the twenty-ninth general assembly.

This was the condition of the law relating to the payment of road taxes in this state as it existed at the time

of the convening of the thirtieth general assembly. That body attempted to make a further change in the law governing the collection of road taxes, by amending section 1533 of the code by striking out the words "as other taxes" in the eleventh line of that section. It will be observed that the words "as other taxes" are in the tenth line of section 1533, as it appears in the supplement to the code with the amendments made by the twenty-ninth general assembly incorporated therein, and that the words "as other taxes", to which the amendment of the thirtieth general assembly is directed, are in the eleventh line of section 1533 as it appears in the code before it was amended by the twenty-ninth general assembly.

The amendment attempted to be made by the thirtieth general assembly must be held to apply to section 1533 of the code as the same existed before it was amended by the twenty-ninth general assembly, and not to that section as it appears in the code supplement after such amendment.

It is clear from the language of section 2 of chapter 50 of the acts of the thirtieth general assembly, that the legislature had in mind, at the time that chapter was enacted, section 1533 as it appears in the original code, and not as it appears in the code supplement.

That section as it appears in the code gave to the board of township trustees the discretion to require the payment of road taxes in cash, to be collected as other taxes, and that power was entirely abrogated and taken away from such board by chapter 53 of the acts of the twenty-ninth general assembly. So that at the time the thirtieth general assembly undertook to amend section 1533 by striking out the words "as other taxes" in the eleventh line thereof, the provisions of that section, as well as the words stricken out, had been in effect repealed by the twenty-ninth general assembly, and were not then in force as a statutory law of the state.

The striking out of the words "as other taxes" in the eleventh line of section 1533 of the code had no effect whatever upon the provisions of that section or of section 1540, as they appear in the supplement, with the amendments made by the twenty-ninth general assembly incorporated therein. Both of these sections as so amended require the road taxes to be paid in cash and collected by the county treasurer as other taxes.

Taking all of these different sections and the amendments thereto together, and giving each the force to which it is entitled, it is impossible to reach any other conclusion than that the provisions of sections 1533 and 1540, as they appear in the supplement to the code, control the payment of road taxes and the collection thereof by the county treasurer, and that such taxes are due and payable in two equal semi-annual installments at the same time that state and county taxes become due and payable, and are to be collected in the same manner.

Yours very respectfully,

CHAS. W. MULLAN,
Attorney-General of Iowa.

CITY COUNCIL—POWER TO CONSTRUCT BRIDGES—A city council has the power, without consulting the river front improvement commission, to locate, erect and maintain bridges over a river as the public necessities may require.

SIR—In response to your request of the 15th instant for my opinion whether the city council of Cedar Rapids has power to locate and erect new bridges across the Cedar river where no bridges have heretofore existed, without the approval by the river front improvement commission of the plans and specifications locating such bridges, abutments and piers, I submit the following:

Section 757 of the code imposes upon cities the care, supervision and control of all public bridges within their corporate limits.

Section 758 provides:

“Cities of the first class shall have full control of the bridge fund levied and collected as provided by law, and shall have the right to use the same for the construction of bridges, culverts and approaches thereto, repairing the same, and paying bridge bonds and interest thereon, issued by such city, and shall be liable for defective construction thereof, and failure to maintain the same in safe condition, as counties now are with reference to county bridges, and no county shall be liable for any such bridge or injuries caused thereby.”

Section 958 makes the provisions of sections 757 and 758 applicable to cities acting under special charter.

The bridges erected upon or connecting streets in a municipal corporation are a part of the public highways and are under the control of the officers of the corporation whose duty it is to so construct the same that they shall afford reasonable and safe facilities for public travel.

The power to construct and maintain bridges upon the public highways of a city of the first class, rests within the discretion of the municipal authorities, subject to the restriction that such bridges must be so constructed as to afford reasonable, safe and convenient facilities for public travel.

By section 758 a city is made liable for any damages which may be sustained because of the defective construction of any bridge erected by it.

The legislature has given to cities of the first class the power to erect such bridges upon its streets and highways as the public necessities may reasonably demand, and to so locate and construct the same as shall afford safe and convenient means of travel.

I find nothing in the act of the twenty-ninth general assembly, by which the river front improvement commission is created, that takes from or abridges the power of the council of cities of the first class to locate

and construct highway bridges at such places upon the streets and highways of the cities, or across streams, for the purpose of connecting such streets and highways, as the convenience of the traveling public demands.

The location and erection of abutments and piers are incidental to the construction of a bridge, and the duty rests upon the city council to so locate and construct the same that the safety of the inhabitants of the city shall not be endangered thereby, and that the superstructure thereon shall be safe and commodious for public travel.

The control of the highways and bridges within a municipal corporation falls within the recognized and legitimate acts of municipal government, and no act of the legislature should be held to abridge or take away such control, unless its express language is susceptible of no other construction; and even then it may be well doubted whether it is within the power of the legislature to take the control of the highways and bridges within a municipal corporation from the corporate authorities. That question does not, however, arise here.

Under the provisions of the statute cited, and of the act creating the river front improvement commission, I am of the opinion that the city council may locate bridges wherever public necessities require, without submitting its plans and specifications to the river front improvement commission for its approval.

It is of course desirable that the city authorities and the river front improvement commission act in harmony, and to that end the plans of the one body should be submitted to the other, and an agreement which is satisfactory to both bodies be reached; but as a matter of law the city council, in the exercise of its discretion, has the

power, without consulting the river front improvement commission, to locate, erect and maintain such bridges as the public necessities may require.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

February 17, 1905.

HON. ALBERT B. CUMMINS,
Governor of Iowa.

SCHOOL DISTRICTS—EXTENSION OF CORPORATE LIMITS OF A CITY OR TOWN—If the corporate limits of a city or town are extended so as to include territory which was not within the independent school district thereof, such extension, by operation of law, changes the boundaries of said district.

SIR—I am in receipt of your favor of the 21st instant asking my opinion upon the following questions:

“When the corporate limits of a city or town are extended beyond the boundaries of the existing independent district in which such city or town is located, thereby causing a change in the boundary of the school corporation, as provided in chapter 89 of the acts of the twenty-seventh general assembly, we desire your opinion upon the following questions:

First—Is it necessary that the districts affected by this change elect an entire new board as provided in section 2802?

Second—When does the change in said school corporation become operative?”

In response to your request I submit the following opinion:

Section 2802 of the code provides:

“When any changes are made in the boundaries of any school corporations, the boards of directors in office at the time shall continue to act until the next regular school election, when the new corporation

shall organize by the election of directors in accordance with the new boundaries, whereupon the new board shall make an equitable division of all assets and liabilities of the corporations affected * * * ”.

The provisions of this section are mandatory, and if any changes are made in the boundaries of any school district in the state, the directors in office at the time that such change is made can continue to act only until the next regular school election. At that time an entire new board must be elected.

Section 1 of chapter 89 of the acts of the twenty-seventh general assembly provides:

“When the corporate limits of any city or town are extended outside the existing independent district or districts, the boundaries of said independent district or districts shall also be correspondingly extended”.

Under the provisions of this section, if the corporate limits of a city or town are extended so as to include territory which was not within the independent school district of such city or town prior to the extension of the lines of the corporation, such extension, by operation of law, changes the boundaries of the independent school district and of the district into which such corporate lines are extended.

The boards of directors of the respective districts where the boundaries of the school districts are changed by the extension of the lines of the corporation, can act in their official capacity only until the next regular election in the respective districts. At such regular election, each of the districts, the corporate boundaries of which have been changed, must organize by the election of an entire new board of directors in accordance with the new boundaries, and make such an equitable division of all assets and liabilities of the two school corporations as may be agreed upon by the respective boards.

Section 2802 of the code is applicable to cases where the change of boundaries of school districts is made by the

extension of corporate lines, as well as to cases where such change is made by an agreement of the respective boards of the school districts.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

February 23, 1905.

HON. JOHN F. RIGGS,

Superintendent of Public Instruction.

IOWA MONUMENT—It is held that the title to the land selected as a site by the Andersonville Monument Commission is such as to secure the rights of the state therein in perpetuity.

Des Moines, February 28, 1905.

MR. D. C. BISHARD,

Secretary, Andersonville Monument Commission,
Altoona, Iowa.

DEAR SIR—As to whether the title to the land selected as a site upon which to erect the Iowa monument at Andersonville, Georgia, is such as to fully protect the rights of the state therein in perpetuity, and insure its freedom from taxes or other liens of any character, I beg to say:

The site selected is, as I am informed by the commission, in the Andersonville, Georgia, national cemetery, directly south of the New Jersey monument erected therein.

The title to the national cemetery at Andersonville, Georgia, was acquired under an act of congress February 22, 1867, and is in the United States, the same having been ceded to the United States by an act of the legislature of Georgia, approved October 25, 1870.

I am informed that a copy of the design of the Iowa monument, with its dimensions and inscriptions thereon, has been submitted to the quartermaster general of the

United States for approval, and that the same has been approved by him and permission granted to erect such monument at the place selected by the Iowa Andersonville monument commission. The title to the site upon which it is proposed to erect the monument, acquired through the government in the manner suggested, will, in my opinion, fully protect the rights of the state therein in perpetuity, and will insure freedom from taxes and other liens.

It appears to me that the selection of the site by the Iowa Andersonville monument commission is an eminently proper one for the erection of the monument, and that such selection in all respects complies with the statute making the appropriation therefor.

I am,

Very respectfully,

CHAS. W. MULLAN,

Attorney-General of Iowa.

SCHOOL CORPORATION—LIMIT OF INDEBTEDNESS—An incorporated town and a school district which is within the territorial limits thereof, are distinct corporations and the indebtedness of one in no wise affects the other, so far as the constitutional limitation thereon is concerned.

Des Moines, March 1, 1905.

HON. E. C. SPAULDING,
Marble Rock, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your esteemed favor of the 27th ultimo, in which you ask my opinion as to the legality of bonds proposed to be issued by the school district of Union township, which depends upon the following facts:

The corporation of Marble Rock, which is bonded to its constitutional limit, is within the school district of Union township, and the district wishes to issue bonds for the purpose of procuring funds to the amount of fifteen thousand dollars for schoolhouse purposes.

In reply I beg to say that, if the school district of Union township has not exceeded the constitutional limit which may be incurred by municipal corporations, it may legally issue bonds to the amount of such limit for school-house or other purposes. The fact that the corporation of Marble Rock is within the school district referred to, and that such corporation is indebted to the limit fixed by the constitution, does not affect the right of the school district to incur an indebtedness within such limit. The corporation of the town of Marble Rock and that of the school district of Union township are separate and distinct corporations, and each has the legal right to incur an indebtedness, independent of the other, to the extent of the constitutional limitation.

The proposed issue of bonds for fifteen thousand dollars by the school district, if the amount does not exceed the limit fixed by the constitution, will be a valid issue.

I am,

Yours very truly,
CHAS. W. MULLAN,
Attorney-General of Iowa.

SCHOOL ENUMERATION—LEGAL RESIDENCE OF INMATES OF STATE INSTITUTIONS—The inmates of a state institution do not acquire a residence which entitles the school district in which such institution is located, to enumerate them.

SIR—In response to your favor of the 28th ultimo, in which you request my opinion as to whether the inmates of the institution for feeble-minded children, located at Glenwood, should be enumerated as residents of the school corporation in which the institution is located, I beg to submit the following:

The inmates of a state institution do not acquire a residence which entitles the school district in which such institution is located, to enumerate them, under the provisions of section 2764. They are not residents of the

school corporation within the meaning of that section. The section is applicable only to actual residents of school corporations, and not to persons who are inmates of a state institution, and who do not acquire a residence within such school corporation.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

March 1, 1905.

HON. JOHN F. RIGGS,

Superintendent of Public Instruction.

INSURANCE—DISCRIMINATIONS BETWEEN PERSONS INSURED—

**Policy of the State Life Insurance Company of Indiana
Construed.**

SIR—In compliance with your request for an opinion as to whether the policy proposed to be issued by The State Life Insurance Company of Indiana, is a contract which may be legally issued by an insurance company under the laws of this state, and upon the plan adopted by the insurance company named, I beg leave to say:

After having carefully read the large amount of written and printed matter bearing upon the question submitted with the request and policy under consideration, and after having obtained the opinions of two competent actuaries who have given the policy careful examination as to the insurance provisions thereof, as determined from an actuary's standpoint, I have reached the conclusion that the policy and the manner of issuing the same, adopted by the insurance company, are not permissible under the laws of this state. The reasons for my conclusion may be briefly stated as follows:

The policy is a twenty year payment life plan, and is dated back seven years for the purpose, as is claimed, of placing the insured in the class of those who took insurance in the company seven years prior to the issuance

of the policy under consideration; that is, if the policy is issued upon the life of a person at the age of thirty-six, it is claimed by the insurance company that the person so insured is placed in the class with those to whom policies of the same character were issued at the age of twenty-nine.

Section 1782 of the code prohibits any life insurance company from making or permitting any distinction or discrimination between persons insured in the same class and of equal expectancy of life, in the amount or payment of premium, or rates charged for policy of life or endowment insurance, or in dividends or other benefits payable thereon, or in any other of the terms or conditions of the contract it makes.

The same section prohibits any insurance company or agent thereof from making any contract of insurance or agreement other than as plainly expressed in the policy issued, and prohibits any such company or agent from paying or allowing, directly or indirectly, as an inducement to insurance, any rebate of premium payable on a policy, or any special favor or advantage in the dividends or other benefits accruing thereon, or any valuable consideration or inducement whatever, not specified in the policy or contract of insurance.

Under the provisions of this statute, it becomes important to inquire whether a person who takes the policy proposed to be issued by the company, is placed upon the same footing in all respects as a person to whom a twenty year payment life plan policy was issued by the company seven years prior to the issuance of the one under consideration.

The claim of the insurance company is that, under the plan adopted, and under which the policy is issued, the person who is insured thereby pays to the company the same amount paid by the holder of a like policy issued seven years before, less the amount of premium required

for losses and expenses, and that there is no discrimination between the persons to whom the policy under consideration is issued and those to whom a policy of like character was issued seven years before.

Assuming the policy under consideration to have been issued in the year 1903, the question to be determined is, Does the person who takes such policy stand upon an equal footing with those who took policies of the same character in the same company in the year 1896?

To place the entrant of 1903 in the class of 1896, and on an exact equality with those who took insurance in 1896, he should contribute in cash, or its equivalent, an amount equal to the value of a policy issued on the same plan for the same amount at the age of twenty-nine in 1896. The value of such policy is the reserve value, plus its share of the dividends earned by the class. The value of a ten thousand dollar twenty year payment life plan policy issued at twenty-nine years of age, and in 1896, is, in 1903, the sum of \$1355.70. The entrant of 1903 is not interested in the losses or profits prior to the time that he takes his insurance, and the reserve value and its share of dividends earned by the class fix the amount which it is necessary for him to pay to be put upon an equal footing with those who, at the age of twenty-nine, took policies of the same character in the company in the year 1896. Any sum, either charged by the company or made a lien upon the policy issued in 1903, in excess of or less than the sum of \$1355.70, is a discrimination in favor of or against the person who takes the policy in the year 1903.

The plan upon which the policy under consideration is proposed to be issued is that it shall be antedated seven years, that a lien of \$1600, upon a ten thousand dollar policy, shall be charged against the policy, and that the insured shall pay interest upon such lien; it being claimed that the lien so charged against the policy places the insured upon an equality with policies issued seven years prior thereto.

The charging of the lien of \$1600 against the policy in the manner proposed by the company, is a discrimination against the person who takes the policy in the year 1903, as the lien so charged is \$244.30 in excess of the amount which the entrant should be required to pay to place him upon an equality with the class who took insurance seven years prior thereto, at the age of twenty-nine years. By this method the company receives \$244.30 in excess of the sum which it is entitled to receive for the insurance written, and it is enabled to take out of the cash premium paid and the increase of the reserve by interest, that sum and apply it to whatever purpose it may desire.

The person to whom the policy is issued receives no advantage whatever in consenting to have it antedated in the manner proposed, and the issuance of such a policy is open to the most serious objection that it is almost certain that the character of the contract will be misrepresented by insurance solicitors, and that it will be issued under a misunderstanding on the part of the person who accepts it, as to its character and value.

It appears to be an attractive and alluring dodge adopted by an insurance company for the purpose of inducing persons to take insurance under a misrepresentation as to the value of what they obtain. It is possible that the officers and managers of the company adopted this manner of obtaining insurance in good faith and without any intention of misrepresenting the value of the policy which they issue under the plan proposed; but in placing this policy upon the market by means of insurance solicitors, who are employed by the company for the purpose of inducing persons to accept it, under the plan adopted misrepresentations on the part of such solicitors, and misunderstandings on the part of the persons who are induced to accept the policy, are certain to follow its use. While the insurance company may not be chargeable with willful fraud or misrepresentation, I am unable to see how it is possible for its officers and managers to adopt a policy of this character and employ

solicitors to sell it to persons wishing insurance under the plan adopted, without knowing that the persons who are induced to accept the policy will take it under a misrepresentation as to the character and value of the contract which they obtain from the company.

The issuance of the policy in the manner proposed, and the charging of a lien against it in the sum of \$1600, or the requiring of the payment of that sum in cash by the person who accepts the policy, is clearly a violation of the section of the statute referred to, as it is a discrimination between persons insured of the same class in the amount or payment of premium or rates charged for life policies.

In my opinion the policy submitted, and the method of issuing the same adopted by The State Life Insurance Company of Indiana, should be prohibited by the insurance department of your office, and the insurance company should be required to take up and cancel all of the policies of the character named which have been issued upon the plan outlined herein, and to return to the persons to whom such policies were issued, the full amount of the premium paid by them thereon.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

March 8, 1905.

HON. B. F. CARROLL,

Auditor of State.

RENTS FROM UNSOLD SCHOOL LANDS—DISPOSITION OF—Rents accruing from unsold school lands should be credited to the interest account of the permanent school fund.

SIR—In response to your request for my opinion as to what disposition shall be made of rents received from unsold school lands belonging to the state, I beg leave to say that I find no statute which in terms provides for the disposition of rents received from such lands. Such rents, however, are a profit or income in the nature of

interest derived from the permanent school fund, and must be regarded as money paid for the use of a portion of the permanent school fund of the state and credited to the interest account thereof.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

March 8, 1905.

HON. B. F. CARROLL,
Auditor of State.

INSURANCE—CHARACTER OF RISKS INSURED AGAINST—THE TERM ACCIDENT DEFINED—It is held that under the insurance laws of this state a “physician’s liability policy” may not be issued.

SIR—I beg leave to acknowledge the receipt of your communication in which you request my opinion upon the question of the authority of the Travelers Insurance Company of Hartford, Connecticut, to issue a so called “physicians’ liability policy” in this state, a copy of such policy being submitted with the request.

In compliance with your request I submit the following opinion:

Section 1709 of the code, as amended by the twenty-eighth and twenty-ninth general assemblies, designates the kind of insurance and character of risks which may be insured against in this state by insurance companies other than life. The fifth subdivision of the section provides that insurance companies other than life may “insure the health of persons and against personal injuries, disablement or death resulting from traveling or general accidents by land or water, and insure employers against loss in consequence of accidents or casualties of any kind to employees or other persons, or to property resulting from any act of an employee, or any accident or casualty to persons or to property or death occurring in

or connected with the transaction of their business, or from the operation of any machinery connected therewith, except such insurance as is provided for in the next paragraph”.

Subdivision 6 of the section, which is the next paragraph referred to, authorizes insurance against loss or injury to person or property, or both, growing out of explosion or rupture of steam boilers.

There are eight subdivisions of the section referred to, and each designates a kind or class of insurance which may be written by an insurance company in this state. By the provisions of section 1710, as amended by the twenty-eighth and twenty-ninth general assemblies, insurance companies are prohibited from issuing policies of insurance for more than one of the classes named in section 1709.

If the Travelers Insurance Company of Hartford, Connecticut, is entitled to write what is termed “physicians’ liability policies” in this state, the authority to write such policies must be found in subdivision 5 of section 1709, or it does not exist, as the legal maxim, “*Expressio unius est exclusio alterius*” is applicable to the statute authorizing the writing of insurance in this state, and the writing of a so called physicians’ liability policy must be held to be excluded unless express authority is given for writing the same. It therefore is important to analyze the provisions of that subdivision, and ascertain whether its terms are sufficiently broad to permit that class of insurance to be written within the state.

The character of insurance authorized by subdivision 5 may properly be divided into two classes:

- (1). Any company organized under chapter 4 of title IX of the code, or authorized to do business in this state, may insure the health of persons and against personal injuries, disablement or death, resulting from traveling or general accidents by land or water.

(2). Any such company may insure employers against loss in consequence of accidents or casualty of any kind to employees or other persons, or to property resulting from any act of an employee, or any accident or casualty to persons or property, or both, occurring in or connected with the transaction of their business, or from the operation of any machinery connected therewith.

Unless the so called "physicians' liability policy" falls within one of the classes of insurance designated by subdivision 5 of the section referred to, no authority can be found in the statute for writing such insurance by any insurance company.

Again taking up the subdivisions of subdivision 5 of section 1709, the question is presented, What are the kinds of insurance authorized by such subdivisions?

First—The statute authorizes insurance companies to insure the health of persons.

Second—It authorizes insurance companies to insure persons against personal injuries, disablement or death, resulting from traveling or general accidents by land or water.

Third—To insure employers against loss in consequence of accidents or casualties of any kind to employees or other persons, or to property, resulting from any act of an employee, or any accident or casualty to persons or property, or both, occurring in or connected with the transaction of their business, or from the operation of any machinery connected therewith.

Is the power given by either of the clauses of the statute referred to broad enough to authorize the issuance of physicians' liability policies by insurance companies?

Such insurance is clearly not an insurance of the health of persons.

Is it insurance against personal injuries, disablement or death resulting from traveling or general accidents by land or water? The policy proposed to be issued by

the Travelers Insurance Company by its terms insures the physician or surgeon therein named against loss from common law or statutory liability for damages on account of bodily injuries, fatal or non-fatal, suffered by any person by reason of any error or mistake made by the assured in the practice of his profession.

It has been forcibly urged on the part of the Insurance Company that indemnity against loss from common law or statutory liability for damages on account of bodily injuries suffered by any person by reason of an error or mistake made by the assured, is valid, and that insurance against one's own negligence is not void as against public policy. It is also urged that the insurance created by the policy referred to is insurance against personal injuries, or what is commonly known as accident insurance, and therefore authorized by the provisions of subdivision 5 of section 1709 of the code.

The cases cited by counsel for the Insurance Company, upon the proposition that insurance against common law or statutory liability for damages on account of bodily injury suffered by any person, by reason of an error or mistake made by the assured, is valid, are all cases of insurance of property against loss or damage by fire; and nearly all of them relate to the question of the adjustment of the liabilities of insurance companies where there was a re-insurance or a double insurance of the property damaged or destroyed. None of them bears upon the question under consideration.

The cases cited in support of the proposition that the physicians' liability policy proposed to be issued is a species of accident insurance, are not authority for the position taken by counsel. In all of the cases the person who was injured was insured as against personal injury by an accident, and the question which arose in each case was whether the injury which had been received by the insured was caused by an accident.

In *Lovelace v. Travelers Protective Association*, 126 Mo., 104, and in *Supreme Council, etc., v. Garigus*, 104 Ind., 140, it was held that a gun shot wound inflicted

under circumstances where the insured was not at fault, was an accident within the meaning of the policy held by the person injured; and substantially the same rule is held in *Snyder v. Insurance Company*, 24 Wis., 28. These cases throw no light upon the question of the right of an insurance company to issue a policy, whereby it undertakes to indemnify a physician or surgeon against liability for damages arising from an injury to a patient, caused by the failure of such physician or surgeon to bring to his assistance the ordinary knowledge, learning and skill which the law requires, or by reason of negligence upon his part in the treatment of such patient.

The Travelers Insurance Company, by the policy under consideration, does not undertake to insure the person therein named against personal injuries, disablement or death resulting from traveling or general accidents by land or water, but against any legal liability which he may incur by reason of his want of proper skill or knowledge in his profession, or by reason of any negligence or carelessness upon the part of the insured in the treatment of a patient.

There is a very wide distinction between the kind of insurance sought to be effected under the policy named, and that which is permitted under subdivision 5 of section 1709 of the code. That subdivision permits insurance of the health of persons and against personal injuries, disablement or death resulting from traveling or general accidents by land or water.

The definition of the word "accident" as given in the Century Dictionary is as follows:

"In general, anything that happens or begins to be without design, or as an unforeseen effect; that which falls out by chance; a fortuitous event or circumstance".

The same authority further defines "accident" as—

"In legal use, an accident is: An event happening without the concurrence of the will of the person by whose agency it was caused. It differs from a

mistake, in that the latter always supposes the operation of the will of the agent in producing the event, although that will is caused by erroneous impressions on the mind."

In *Paul v. Travelers Insurance Company*, 112 N. Y., 472, an accident is defined as follows:

"An accident is the happening of an event without the aid and design of a person, and which is unforeseen."

"If a result is such as follows from ordinary means, voluntarily employed, in a not unusual or unexpected way, it cannot be called a result effected by accidental means; but that if, in the act which precedes the injury something unforeseen, unexpected, unusual occurs, which produces the injury, then the injury has resulted through accidental means."

Mutual Accident Association v. Barry, 131 U. S. 121.

In *Richards v. Travelers Insurance Company*, 89 Cal., 170, it is said:

" 'Accident' must be given its popular meaning; that is, a casualty—something out of the usual course of events, and which happens suddenly and unexpectedly, and without any design on the part of the person injured."

It is "accident" as thus defined by the courts that the legislature has authorized insurance companies to insure against. The liability of a physician or surgeon, either at common law or under the statute, for damages caused by his lack of skill, or a mistake made by him in the treatment of a patient, is not an accident within the meaning of the statute, or as defined by the courts.

Malpractice is the "bad professional treatment of disease, pregnancy, or bodily injury, from reprehensible ignorance or carelessness, or with criminal intent". Century Dictionary. *Shummer v. Dayton*, 8 Ohio Cir. Dec.

A physician is not an insurer. All that he is required to do is to bring to his assistance the ordinary knowledge, learning and skill which physicians possess in the vicinity in which he practices his profession. A physician possessing the requisite qualifications, and applying his skill and judgment with ordinary care and diligence to the diagnosis and treatment of a patient, is not liable for an honest mistake or error of judgment. *Ewing v. Goode*, 78 Fed. Rep., 442.

The policy under consideration attempts to indemnify a physician or surgeon for the failure to bring to his assistance in the treatment of a patient, or in the performance of an operation, the ordinary skill, learning and ability possessed by physicians in the community where he practices his profession, and for the failure of such physician or surgeon to use ordinary care and diligence in the diagnosis and treatment of a patient, or in the performance of an operation which he is called upon to perform.

As suggested, such insurance cannot, under any interpretation of the meaning of the word "accident", be classed as insurance against personal injuries, disablement or death, resulting from traveling or general accidents by land or water.

The third division of subdivision 5 of section 1709, relates solely to insurance which may be taken by employers to indemnify them against damages to persons or property arising from accidents; and it is not necessary to discuss at length the question whether such division of subdivision 5 of the section referred to authorizes insurance of the character under consideration, as it is clear that the insurance proposed to be effected by the policy under consideration does not fall within the classes of insurance authorized by the division of subdivision 5 referred to.

The conclusion must therefore be reached that such insurance is not authorized by the statutes of Iowa, and that no insurance company has the right to issue policies of the character under consideration in this state.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

March 13, 1905.

HON. B. F. CARROLL,

Auditor of State.

CAPITOL DECORATION—Contract between the Capitol Commission and Artist Elmer E. Garnsey Construed.

SIR—In compliance with your request as to the correct interpretation which should be given that portion of the contract for the mural decoration of the statehouse, executed on the 11th day of November, 1904, by the capitol commission and Mr. Elmer E. Garnsey, which relates to the decoration of the dome and rotunda, I respectfully submit the following:

The provision of the contract referred to, and as to which an interpretation is requested, is as follows:

“DOME AND ROTUNDA: Second Floor and up to and including the Cap of Dome:

The surfaces of dome and walls to be painted in oil-color. The cap of dome to be in deep blue. The bell of dome, now paneled, is to be rendered in dull gold, down to and including cornice above the scagliola columns. The capitals of these columns to be gilded. The pedestals of columns to be in stone color. The main drum of dome, immediately beneath windows, to be in a warm stony color, with golden sheaves or similar ornamental motives. The entablature beneath the main drum to be in gold and color, uniting the tones above and beneath it. The frieze immediately below this entablature to be in grey green or other sober color, to serve as an appropriate background for the statues now in place

there. The statues are to be rendered in dull gold, with possibly a green 'patina'. And the moldings around the eight lunettes and the supporting brackets are to be treated in the same manner. The lunettes are to be painted in oil-color, without further ornamentation. The capitals of the polished granite columns are to be gilded, and the entablature supported by them to be picked out in color and gold. The walls of Rotunda on second floor are to be paneled with lines and ornament, about twelve inches or more wide, in color and gold. The general effect being intended to solidify the construction of the dome and its supporting piers."

1. The first question as to the correct interpretation of this provision of the contract, arises from the use of the phrase "rendered in dull gold", which appears in the following sentence:

"The bell of dome now paneled is to be rendered in dull gold down to and including cornice above the scagliola columns."

The same phrase again appears in the following sentence:

"The statues are to be rendered in dull gold, with possibly a green patina."

The question presented is, Does the phrase "to be rendered in dull gold", refer to the color effect to be produced in the decoration of the dome and the statues, or to the material to be used by the decorator?

After a careful consideration of this phrase as used in the provision of the contract referred to, I have reached the conclusion that it must be interpreted to mean the color effect which is to be produced by the artist, rather than the material to be used by him in producing such effect. If in producing the color effect of dull gold the artist uses materials which are recognized as proper for that purpose under the highest rules and canons of decorative art, the conditions of the contract are complied with, and he is not required to use gold or gold leaf as a material in producing the effect.

2. The second question arises by reason of the use of the words "gilded" and "gold" in the provision of the contract referred to, and in other parts thereof. The word "gilded" appears in the following sentences which are in the provision of the contract referred to:

"The capitals of these columns (scagliola) are to be gilded."

"The capitals of the polished granite columns are to be gilded."

The word "gold" is used in the provision of the contract in the following sentences, and appears frequently throughout the entire contract:

"The entablature beneath the main drum to be in gold and color."

"The end of the entablature supported by them (granite columns) to be picked out in color and gold."

"The walls and rotunda on second floor are to be paneled with lines and ornament, about twelve inches or more wide, in color and gold."

In determining the interpretation which should be given the words "gilded" and "gold", I have made an examination of all accessible memoranda made by the capitol commission and by Mr. Elmer E. Garnsey which led up to the making of the contract in question. There is an ambiguity as to the meaning of these words as used in the contract which permits the examination of evidence aliunde for the purpose of determining the sense in which these words were used by the parties to the contract at the time it was executed.

In the original memorandum of the work to be performed by Mr. Garnsey, which, as I am informed, was prepared by him as the foundation of the contract afterward elaborated and executed, I find the following provision:

"All of the work to be done in oil color, except basement walls which are to be in water color. Gilding is to be done in gold leaf."

Taking this memorandum in connection with the sentences and phrases in which the words referred to are used, and giving the words of such sentences and phrases their ordinary meaning, I am led to the conclusion that the words "gilded" and "gold", as they appear in the contract were intended by the parties to refer to and describe gold leaf as a material to be used by the artist in making the decorations provided for, and not to refer to or describe an effect to be produced with other materials.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

March 17, 1905.

HON. ALBERT B. CUMMINS,

Governor of Iowa.

TAXATION—PUBLIC LIBRARIES—LIABILITY OF RAILWAY AND ACREAGE PROPERTY WITHIN A CITY FOR—(1) The property of railway companies within a city or town where a library tax is levied is subject to taxation for that purpose. (2) Tracts of land of ten acres or more which are used for agricultural purposes are exempt from taxes levied for the maintenance of a city library.

Des Moines, March 21, 1905.

MR. JOHNSON BRIGHAM,

State Librarian.

DEAR SIR—I beg to acknowledge the receipt of the letter of Mr. H. W. Albrecht, president of the Tama Public Library board, referred by you to me for my opinion upon the questions therein presented, which may be stated as follows:

(1). Is railway property in a city of the second class taxable for city library purposes?

(2). Is acreage property within the city limits subject to taxation for city library purposes?

These questions will be considered in the order stated.

First. Section 732, as amended by the acts of the twenty-eighth general assembly, and which appears upon page 67 of the supplement to the code, provides:

“The board of trustees shall, before the first day of August in each year, determine and fix the amount or rate, not exceeding two mills on the dollar in all cities and in towns, of the taxable valuation of such city or town, to be levied, collected and appropriated for the ensuing year for the maintenance of such library; and in cities and towns also the amount or rate, not exceeding three mills on the dollar of the taxable valuation of such city, to be levied, collected and appropriated for the purchase of real estate and the erection of a building or buildings thereon for a public library, or for the payment of interest on any indebtedness incurred for that purpose, and for the creation of a sinking fund for the extinguishment of such indebtedness; and shall cause the same to be certified to the city council, which shall levy such tax or so much thereof as it may deem necessary to promote library interests for each of said purposes so determined and fixed, and certify the per cent thereof to the county auditor, with the other taxes for said year.”

Under the provisions of this section the levy of the library tax must be made upon all of the taxable property within the municipal corporation.

Section 1339 of the code provides:

“All such railway property shall be taxable upon said assessment at the same rates, by the same officers, and for the same purpose as the property of individuals within such counties, cities, towns, townships and lesser taxing districts.”

The assessment referred to in the section quoted is the assessment made by the executive council and transmitted to the county auditor of each county. Upon the

valuation thus made and certified by the executive council, the board of supervisors of each county is required, by section 1338 of the code, to determine the assessed value of all railways in each city, town, township or lesser taxing district in the county through or into which such railways extend. The assessed value of each railway within the taxing district, as so determined by the board of supervisors, becomes the basis for the levy of taxes upon the railway property within such assessing district, and such property thereupon becomes subject to taxation for all purposes for which taxes may be levied within such city, town or taxing district.

A city library tax is a tax which is certified by the city council to the board of supervisors, and levied as other municipal taxes upon the taxable property of the city; and the property of railway companies within the city or town where such library tax is levied, is subject to taxation for that purpose.

Second. The liability of acreage lands to taxation for city library purposes presents a different question.

Section 616 of the code is as follows:

“No lands included within said extended limits which shall not have been laid off into lots of ten acres or less, or which shall not subsequently be divided into parcels of ten acres or less by the extension of streets and alleys, and which shall also in good faith be occupied and used for agricultural or horticultural purposes, shall be taxable for any city or town purpose, except that they may be subjected to a road tax to the same extent as though they were outside of the city or town limits, which tax shall be paid into the city or town treasury.”

Under this section the question presented is, whether taxes levied for the maintenance of a public city library are for city purposes.

An examination of the adjudicated cases throws little light upon the question.

The supreme court of Indiana in *City of South Bend v. University of Notre Dame*, 69 Ind., 344, held under a similar statute that school taxes, levied by the school district of the city of South Bend, were not city taxes within the meaning of the Indiana statute.

The court of appeals of New York has held that taxes levied for the purpose of erecting bridges within the limits of a city, and taxes levied for the purpose of purchasing ground for city parks, and taxes levied for the purpose of erecting and maintaining a system of water works within a city, are taxes levied for city purposes under the constitutional provision of that state.

There is a wide distinction between taxes levied for school purposes in a municipal corporation, and those levied for the maintenance of a public city library. A school district is a separate and distinct corporation, the directors of which are elected by the voters of the district at the annual school election. The management of the schools is in no wise connected with the city government. The city council has nothing to do with the levying of school taxes or with their expenditure. All of the details of the levy, the transaction of the business of the district, and the expenditure of the money raised by taxes levied upon the property of the district, are performed by the officers of the school corporation, and the city government has no voice in or control over the same.

While the powers of a library board are defined by statute, the board itself is created through the appointment of its members by the mayor of a city. The members hold office under the municipal government. A public city library must be established by action of the city council, and when so established it is the property of the municipal corporation, and is controlled by the city through the library board. Taxes which are levied for the maintenance of such library are levied, collected and expended in carrying on an institution which belongs to the city, and which is maintained for the benefit of the

inhabitants of such city, as distinguished from those residing outside of its limits. Such taxes must, therefore, be held to be levied for city purposes.

Under the provisions of section 616 it follows that tracts of land of ten acres or more, which are in good faith occupied and used for agricultural or horticultural purposes within the city limits, are exempt from taxes levied for the maintenance of a city library, as that section exempts such lands from taxes levied for any city purpose.

I am,

Yours very truly,
CHAS. W. MULLAN,
Attorney-General of Iowa.

STATE MILITIA—TARGET PRACTICE—Compensation of Members of Guard Appointed by Governor for Special Purposes.

SIR—I beg leave to acknowledge the receipt of your communication in which you ask my opinion upon the following question:

“Should the governor of Iowa order out for competitive shooting teams of five men from each company, and fix their per diem equally as between the men composing said teams, regardless of the rank of officers or length of service of enlisted men, would this be in violation of section 2212 of the code?”

In compliance therewith I respectfully submit the following opinion:

Section 2184 of the code, as amended by the thirtieth general assembly, designates the purposes for which the guard or members thereof may be called out by the commander-in-chief. They are for encampment, drill, target practice, school of instruction, or such other practice or instruction as the commander-in-chief may order.

Section 2212, as amended by the thirtieth general assembly, provides:

“The military forces when in active service of this state upon the call of the governor or sheriff of any county, and the guard when paraded for drill, encampment, target practice, school of instruction, or other duty under orders of the commander-in-chief, shall be paid the following compensation for time actually on duty: * * * ”

The section then fixes the compensation which each officer and private shall receive during the time he is actually on duty under the call of the commander-in-chief.

The provision of section 2184 of the code, as amended by the thirtieth general assembly, gives the governor power to call out or detail for target practice, school of instruction or such other practice or instruction as he may deem advisable, members of the guard for a period of not exceeding ten days in any one year. The officers and enlisted men when called out for such service by the commander-in-chief are entitled to the compensation fixed by section 2212 of the code as amended, and there is no power given by statute to the commander-in-chief or other officer of the guard to alter the compensation so fixed or to pay either to the officers or enlisted men any other or different compensation than that fixed by statute.

It is a well settled rule of law that, where compensation is fixed by statute for the performance of any duty, the person performing such duty is entitled to the compensation fixed, and that no increase or diminution of such compensation can be made. Under this rule it is not, in my opinion, within the power of the commander-in-chief or any other officer or person, to fix a different compensation for the officers and men who are called out to engage in competitive target practice, than that fixed by the statute, or to take the gross sum of money which

the officers and enlisted men so called out are entitled to, and divide it equally among the men composing the teams in such competitive target practice.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

May 4, 1905.

W. H. THRIFT,

Adjutant General of Iowa.

TAXATION—TELEPHONE COMPANIES—Section 1331 of the code providing for the assessment of telephone companies by the executive council is unconstitutional.

SIRS—In 1901 the Iowa Telephone Company began an action against John Herriott, then treasurer of state of the state of Iowa, and against his bondsmen, to recover of the state treasurer the sum of \$7,383.33, that being the sum collected by the state of Iowa as taxes upon the Telephone Company under the provisions of section 1331 of the code.

The ground upon which the taxes paid by such Telephone Company were sought to be recovered is that the statute under which they were collected by the state was unconstitutional, and that the treasurer of state had no authority of law for collecting such taxes of the Telephone Company.

A demurrer was filed to the petition and the case rested without a trial upon the demurrer until the decision of the case of *Layman. v. Telephone Company*, which is reported in 123 Iowa at page 591. The constitutionality of the section of the statute named was involved in the case of *Layman v. Telephone Company*, and Judge Deemer, speaking for the court in that case, said:

“If these statutes, in so far as they relieve telephone companies from the payment of local taxes, are unconstitutional, we think that the entire

scheme is invalid, for it is manifest that this provision was one of the inducements for the passage of the act, and that there can be no taxation thereunder for any purpose—state or local. This is not a case where a part of the statute may be held invalid and another part good. The two provisions are so closely associated and allied—so materially dependent—that one cannot be severed from the other without destroying the entire scheme. *Pollock v. Farmers Loan and Trust Co.*, 157 U. S., 429, 158 U. S., 601; *State v. Land Co.*, 71 Minn., 288; *State v. Poynter*, 59 Neb., 417; *Barron v. Burnside*, 121 U. S. 186. This being true, if the law is found unconstitutional in part, it cannot be used as the basis for local assessment."

The taxes collected by the defendant Herriott as treasurer of state of the state of Iowa were for the year 1899, and prior to the amendment of the statute providing for the assessment of telephone companies by the executive council as contained in the code of 1897, and prior to the repeal of section 1331 by the twenty-eighth general assembly.

Section 1331 is held in *Layman v. Telephone Company*, *supra*, to be unconstitutional and void for all purposes, and the legislature in the year 1900, recognizing the invalidity of such section, repealed the same.

The law being wholly invalid under which the treasurer of state exacted the payment of taxes from the Iowa Telephone Company, that Company is entitled to have such taxes repaid to it by the state.

On the 31st day of December, 1904, this case coming on for hearing in the district court of Polk county, the court overruled the demurrer of the defendant and the defendant electing to stand upon such demurrer, judgment was rendered against the defendant John Herriott and the other defendants, who were his bondsmen, for the sum demanded, with six per cent interest thereon from the time the same was paid to the treasurer of state. That I have not appealed said action for the reason that I am

satisfied that the taxes collected by the treasurer of state of the Iowa Telephone Company for the year 1899 were wrongfully collected, and under an unconstitutional and invalid statute, and that an appeal from the judgment of the district court of Polk county to the supreme court of Iowa would be a useless proceeding. In my opinion there is nothing to be done in the matter except to refund the taxes collected from the Iowa Telephone Company by the defendant Herriott with interest thereon.

I hereto attach a certified copy of the judgment entry in the case.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

May 13, 1905.

TO THE HONORABLE EXECUTIVE COUNCIL.
of the State of Iowa.

SAVINGS BANKS—RECITALS OF THE ARTICLES OF INCORPORATION—(1) The entire amount of the capital of a savings bank must be fully paid, before the bank can be authorized to do business. (2) The articles must fix the number of directors, state the name and post office address of each, but the names of the officers, as distinguished from directors need not be given.

SIR—I am in receipt of your favor of the 5th instant in which you ask my opinion upon the following questions:

1. Should the articles of incorporation of savings banks recite specifically the amount of capital stock of said banks, and must the amount so specified be fully paid up before the beginning of business; or is it permissible for the articles to designate an amount as the authorized capital and provide for a less amount as the paid up capital of the bank?

2. If you hold that the latter provisions of the preceding question are permissible, is it also permissible that the amount of stock, over and above that paid in at the beginning of business, may be issued by resolution of the board of directors; or must it be by order of the stockholders and by amendment to the articles of incorporation?

3. Should the articles of incorporation give the names of the first officers of the bank, as well as of the directors; or only the names of the directors?

First. Section 1842 of the code provides:

“The articles of incorporation of a savings bank shall be signed and acknowledged by the incorporators before some officer authorized to take acknowledgment of deeds, and give the corporate name, the object for which it is formed, the amount of capital, the time of its existence, which shall not exceed fifty years, the number of its directors, the name and post office address of each person or officer who shall manage its affairs until the first election. * * * ”

This section provides that the articles of incorporation must fix the capital of the bank.

Section 1856 provides the manner in which the capital of savings banks may be increased, which is by an affirmative vote of two-thirds of the shares thereof at a stockholders' meeting. There is no provision in chapter 10 of title IX or in chapter 12 of the same title, which permits savings banks to begin the transaction of business until the entire amount of the capital of such bank is fully paid.

Section 1843 requires the paid up capital of any savings bank to be not less than ten thousand dollars in cities and towns or villages having a population of ten thousand or less; nor less than fifty thousand dollars in cities having a greater population.

It further provides that the corporation may commence business when its first directors or officers named in its recorded articles shall have furnished to the auditor of state proof under oath that the required capital has been paid in and is held in good faith by the bank, and when the auditor has satisfied himself of such fact, for which purpose he may make a personal examination or cause it to be made at the expense of the bank.

Under these provisions of the statute I think the entire amount of the capital of a savings bank must be fully paid before the bank can be authorized to begin the transaction of business.

Second. The opinion given upon the preceding question answers the second. The whole amount of the capital of a savings bank must be subscribed and paid in before the certificates therefor can be issued to the stockholders and before a bank is entitled to begin the transaction of its business.

Third. The provisions of section 1842 require that the articles of incorporation shall fix the number of directors and give the name and post office address of each, who shall manage the affairs of the bank until the first annual election. It does not require that the president, vice-presidents, treasurer or cashier, or other officers, as distinguished from the directors, shall be named in the articles of incorporation.

Under the provisions of section 1845 the board of directors at its first meeting may elect from its number a president, one or more vice-presidents for the ensuing year, and appoint a treasurer or cashier and such other officers and employees as are required for the transaction of the business of the bank, all of whom shall hold office

during the pleasure of the board, and shall give such security for the faithful performance of their duties as may be required.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

May 19, 1905.

HON. B. F. CARROLL,

Auditor of State.

SCHOOL DISTRICTS--CHANGE OF BOUNDARIES—The boundary lines of a school corporation cannot be extended under the provision of code section 2791 beyond the boundary lines of a civil township, except by reason of natural obstacles a portion of the inhabitants of a school corporation are denied school privileges within their own district.

SIR—In answer to your request of the 9th ultimo for an opinion upon the following questions:

1. Acting under the provisions of chapter 89, acts of the twenty-seventh general assembly (section 2793-a, supplement to the code), may the boundary lines between an independent district and a school township be so changed as to leave the school township consisting of detached portions?

2. Have the boards authority under this law to so change the boundary as to include a portion of the school township lying in another civil township but that has been attached to the school township for school purposes under provision of section 2791?

I submit the following opinion:

Section 2791 of the code provides:

“In any case where, by reason of natural obstacles, any portion of the inhabitants of any school corporation in the opinion of the county superintendent cannot with reasonable facility attend school in their

own corporation, he shall, by a written order, in duplicate, attach the part thus affected to an adjoining school corporation, the board of the same consenting thereto, one copy of which order shall be at once transmitted to the secretary of each corporation affected thereby, who shall record the same and make the proper designation on the plat of the corporation. Township or county lines shall not be a bar to the operation of this section."

In *Independent District of Union v. Independent District of Cedar Rapids*, 62 Iowa, 616, it is held that in the absence of any streams or other natural obstacles, as contemplated in section 1797 of the code of 1873, the county superintendent was, under the provisions of that section, without jurisdiction to change the boundaries of school districts.

Section 2791 of the code differs from the former statute only in dispensing with the consent of the board of directors of the district from which the territory is taken; and the rule laid down by the supreme court in the case cited is followed in *School Township of Newton v. Independent District of Newton*, 110 Iowa, 30.

Natural obstacles which prevent a portion of the inhabitants of a school district from attending school in their own corporation with reasonable facility, are necessary to confer jurisdiction upon the county superintendent. The boundary lines of a school corporation cannot be extended under the provisions of section 2791 beyond the boundary lines of a civil township, except where the existence of natural obstacles prevents a portion of the inhabitants of a school corporation from attending school within their own district, and gives to the county superintendent jurisdiction to extend the boundary lines of the district beyond those of the civil township.

Section 2793 of the code provides:

"The boundary lines of contiguous independent districts within the same civil township may be changed by the concurrent action of the respective boards of directors at their regular meeting in September * * * ."

No power is given under this section to extend the lines of a school corporation beyond those of the civil township.

Section 2793-a of the code supplement provides:

“When the boundary line between a school township and an independent city or town district is not also the line between civil townships, such boundary may be changed at any time by the concurrence of the boards of directors * * * . The boundaries of the civil township or the independent district may in the same manner be extended to the line between civil townships, even though by such change one of the districts shall be included within and consolidated with the other as a civil district.”

This section confers upon the board of an independent city or town district power, with the concurrence of the board of directors of a school district, a portion of which is included within the municipal limits of a city or town, to extend the boundary lines of such independent city or town district so as to make such boundaries co-extensive with those of the municipal corporation. The section does not, however, confer upon school districts other than those designated, the power to extend their boundaries beyond the lines of a civil township, or to take and include within their limits any territory lying beyond the boundary of the civil township in which the school district exists.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

June 5, 1905.

HON. JOHN F. RIGGS,

Superintendent of Public Instruction.

SCHOOL HOUSE SITE—REVERSION OF LAND TO OWNER—A schoolhouse site reverts to the owner of the tract of land from which it was taken, upon repayment of the purchase price, by reason of non-user for two years.

SIR—I am in receipt of your favor of the 29th ultimo, in which you ask my opinion upon the following question:

“A schoolhouse site was purchased and title transferred by warranty deed containing the following clause: ‘For schoolhouse purposes only, the land to revert back to the former when they cease to use it for school purposes, with the usual time allowed by law to remove their buildings’. Does this entitle the owner of the tract of land from which the site was taken to recover title without payment of the purchase price as provided in section 2816, when the district ceases to use it for school purposes, or does section 2816 still hold in the case?”

In response to your request I submit the following: Section 2816 of the code provides:

“In the case of non-user for school purposes for two years continuously of any real estate acquired for a schoolhouse site it shall revert, with improvements thereon, to the owner of the tract from which it was taken, upon repayment of the purchase price without interest, together with the value of the improvements, to be determined by arbitration, but during its use the owner of the right of reversion shall have no interest in or control over the premises.”

The language of this section is broad in its terms and applies to any real estate acquired for a schoolhouse site. No distinction is made between a site acquired by purchase and one acquired by condemnatory proceedings. In either case, under the provisions of the section, real estate acquired for a schoolhouse site reverts to the owner of the tract of land from which it was taken, upon repayment of the purchase price, without interest, when it has ceased to be used for schoolhouse purposes for a period of two years. The provision in the deed that the land

conveyed thereby is for schoolhouse purposes only, and shall revert to the grantor when it ceases to be used for such purpose, is simply declaratory of the statute and does not change the rights of the parties.

A board of school directors can exercise no other powers than those expressly granted by statute or necessarily implied. *Beers v. School Dist.* No. 3, 72 Ill., 508; *School Directors v. Fogleman*, 76 Ill., 189.

A person contracting with a school board is bound to know the limitation of its powers, and can acquire no rights under a contract which the board is not authorized to make. *State v. Freed*, 3 Ohio Dec., 314.

In *Roland v. Reading Sch. Dist.*, 161 Pa., 102, it is held that persons contracting with the president of a school board are bound to know what contract he is authorized to make.

If, by the clause inserted in the deed, the board undertook to make a contract by which the schoolhouse site should revert to the owner of the tract of land from which it was taken, when it ceased to be used for school purposes, without the repayment of the purchase price thereof by such owner, it exceeded its powers, as the statute provides that the owner of the tract of land from which the site was taken can acquire the title to such site by reversion upon repayment of the purchase price only. The person from whom the site was purchased contracted with knowledge of the limitation of the powers of the board, and can acquire no greater right under such contract than that given by statute.

Under the facts as stated, the owner of the tract of land from which the schoolhouse site was taken cannot acquire a title to such site except upon repayment of the price paid by the school district therefor.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

June 7, 1905.

HON. JOHN F. RIGGS,

Superintendent of Public Instruction.

LOUISIANA PURCHASE COMMISSION—PUBLICATION OF REPORT—
COST OF—It is held that the Commission is authorized by law to print a report of all its doings, the cost of which is to be paid from its contingent fund.

SIR—I am in receipt of your favor of the 31st ultimo in which you request my opinion upon the following questions:

1. Does section 2, chapter 195 of the acts of the twenty-ninth general assembly, contemplate that the commission shall make a published report of its doings?

2. If the commission has authority to make a published report, does the law authorize me to draw a warrant against the appropriation made by the thirtieth general assembly for the purpose of meeting the expense thereof?

3. If I am authorized to draw a warrant as above contemplated, has the executive committee of the said Louisiana purchase commission authority, through the president and secretary of the commission, to direct the expenditure or must it be by action of the full commission?

In compliance with such request I respectfully submit the following opinion:

First. Section 2 of chapter 195 of the act of the twenty-ninth general assembly provides:

“At the close of its services, the commission shall make to the governor a statement of all of its doings, which shall include a showing of all exhibits made by the state of Iowa or the citizens thereof, and the awards made on such exhibits, and such other matter as the commission may deem valuable to the people of the state of Iowa, together with a list of all receipts and disbursements, with complete vouchers therefor”.

This provision of the act clearly indicates that it was the intent of the legislature that the report required to be made by the Louisiana purchase exposition commission to the governor should be a printed report published for distribution to the people of Iowa.

Second. It follows that the cost of publishing such report shall be paid for by the commission out of the appropriations made by the legislature, as no other appropriation is made therefor.

In the opinion given by me to the Hon. W. W. Witmer, chairman of the executive committee of the Louisiana purchase exposition commission, I held that no part of the \$20,000 appropriated by the thirtieth general assembly could be used to pay the expenses incurred by the commission until the entire \$125,000 which was appropriated by the twenty-ninth general assembly was expended, and that the \$20,000 became available and could be used by the commission to defray expenses incurred by it when the \$125,000 was exhausted.

The appropriation made by the thirtieth general assembly contains an item of \$2,500 for emergency and contingency fund, and the commission is entitled to draw from the state treasury and use so much of the contingent fund as may be necessary to pay the expense of publishing the report required by the act of the twenty-ninth general assembly.

Third. The provision of section 2 of the act of the twenty-ninth general assembly by which \$125,000 is appropriated to defray the expense of making an exhibit at the Louisiana purchase exposition, reads as follows:

“The sum of \$125,000, or so much thereof as may be needed by the commission for the purpose of making an exhibit and representation by the state of Iowa, provided for in section 1 hereof, is hereby appropriated out of any money in the state treasury not otherwise appropriated, and warrants therefor shall be issued, on the order of the president and secretary of said commission, by the auditor of state on the treasurer of state from time to time, but no such warrant shall be issued until said commission, through its duly chosen officers, shall certify to the auditor of state that the same is actually necessary for disbursement.”

Section 1 of the act of the thirtieth general assembly provides that the \$20,000 appropriated by such act shall be drawn, expended and reported as provided by chapter 195 of the laws of the twenty-ninth general assembly.

Under the provisions of these acts the president and secretary of the commission are authorized to issue an order upon the auditor of state for such an amount of the appropriation made by the legislature as is necessary to meet the expenses incurred by the commission; and it is the duty of the auditor of state upon receiving such order, together with a certificate from such officers that the amount of money sought to be drawn from the state treasury under the order made by them is actually necessary for disbursement, to issue a warrant upon the treasurer of state for the amount so ordered and certified by the officers of the commission.

The cost of publishing the report required by the act of the twenty-ninth general assembly is a part of the expense for which the appropriations were made, and the money necessary to pay the cost thereof may be drawn from the state treasury upon warrants issued by the auditor of state in the same manner as those issued for the payment of other expenses; that is, upon the order and certificate of the president and secretary of the commission, as provided in the act of the twenty-ninth general assembly.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

June 7, 1905.

HON. B. F. CARROLL,
Auditor of State.

PRACTICE OF MEDICINE OR OSTEOPATHY—POWER OF BOARD OF MEDICAL EXAMINERS TO ISSUE CERTIFICATE TO APPLICANT WHO IS BLIND—The Board is without authority to grant to an applicant who is incapable, mentally or physically, the privilege of taking an examination for admission to practice medicine.

SIRS—In response to the request of your secretary for an opinion as to whether an applicant for a certificate to practice osteopathy in the state, who is blind, can be admitted to the examination required of all applicants who desire to practice medicine or osteopathy in the state, I submit the following:

Section 2576 of the code provides:

“All examinations shall be in writing, each candidate for examination in any school of medicine being given the same set of questions covering anatomy, physiology, general chemistry, pathology, surgery and obstetrics. In materia medica, therapeutics, and the principles and practice of medicine, a set of questions shall be used corresponding to the school of medicine which the applicant desires to practice. The examination papers when concluded shall be marked upon a scale of one hundred. * * * Each applicant shall, upon obtaining an order for examination, receive from the secretary a confidential number which he shall place upon his work when completed, so that the board in passing thereon shall not know by whom it was prepared.”

This statute is, in my opinion, mandatory, so far as it relates to the manner in which the state board of medical examiners shall conduct the examination of applicants for certificates to practice medicine, and the board has no authority in the conducting of such examination to depart from the method prescribed by statute.

Section 2583 of the supplement to the code, which relates to the manner in which certificates to practice

osteopathy may be issued by the state board of medical examiners, provides:

“Any person holding a diploma from a legally incorporated school of osteopathy, recognized as of good standing by the Iowa Osteopathic Association, and wherein the course of study comprises a term of at least twenty months or four terms of five months each in actual attendance at such school, and which shall include instruction in the following branches, to-wit: Anatomy, including dissection of a full lateral half of a cadaver, physiology, chemistry, histology, pathology, gynecology, obstetrics and theory of osteopathy, and two full terms of practice of osteopathy, shall, upon the presentation of such diploma to the state board of medical examiners and satisfying such board that he is the legal holder thereof, be granted by such board an examination on the branches herein named (except upon the theory and practice of osteopathy until such time as there may be appointed an osteopathic physician on the state board of health and of medical examiners). The fee for said examination, which shall accompany the application, shall be ten dollars, and the examination shall be conducted in the same manner and at the same place and on the same date that physicians are examined as prescribed by section 2576 of the code.”

This section makes the provisions of section 2576 of the code relating to the manner of the examination of physicians who apply for a license to practice their profession in the state, apply to applicants for a certificate to practice osteopathy that is, the examination of osteopaths who apply to the state board of medical examiners must be conducted in the manner provided by section 2576 of the code, and the state board of medical examiners is not authorized to change the method or form of such examination.

Every person who appears before the state board of medical examiners as an applicant for a certificate authorizing him to practice medicine or osteopathy in this state, must be mentally and physically qualified to take the

examination prescribed by statute. The board is without power or authority to give to an applicant who is incapable, either mentally or physically, of taking the examination so prescribed, an examination of another and different character than that required by law to be given. The ability of an applicant to successfully pass the examination required by law, is made the test of his right to practice either medicine or osteopathy in this state; and no one who is unable, either because of any mental or physical defect, to take and successfully pass such examination, is entitled, under the present law, to receive from the state board of medical examiners a certificate authorizing him to practice either medicine or osteopathy in this state.

Respectfully submitted,
CHAS. W. MULLAN,
Attorney-General of Iowa.

June 16, 1905.

TO THE STATE BOARD OF MEDICAL EXAMINERS.

POLL TAX—Duty of Township Assessor to Furnish Township Clerk Duplicate Copy of the Assessor's Book.

SIR—In compliance with your request of the 27th ultimo for my opinion as to whether, under the new road law, the township assessor shall furnish to the township clerk a duplicate copy of the assessor's book, I respectfully submit the following:

Section 1540, as amended by the acts of the twenty-ninth general assembly, provides:

“To enable him (the clerk) to make out such list (a list of persons required to pay road poll tax), the assessor shall furnish the clerk of said township, before the first day of April of each year, a complete copy of the assessment lists of said township for that year, which shall be the basis of such poll tax list.”

This provision is so plain that comment upon it is hardly necessary. Under this provision it is the duty of the

assessor of each township to make and furnish the township clerk a duplicate copy of the assessment book of the township, from which the township clerk can make the list for the superintendent of roads, as provided in the section referred to. I am,

Yours very truly,
CHAS. W. MULLAN,
Attorney-General of Iowa.

June 22, 1905.

HON. B. F. CARROLL,
Auditor of State.

INSANE—EXPENSES FOR CARE OF INSANE PATIENT—(1) The expenses of an insane patient at a state hospital are chargeable to the county in which he has a legal settlement, and not to the county from which such patient is sent. (2) It is not necessary for the Board of Supervisors to audit or allow such claims.

SIR—I am in receipt of your favor of the 27th ultimo. in which you request my opinion upon the questions:

1. To what county should a superintendent of an insane hospital charge the expenses of a patient whose residence is found by the county commissioners of insanity to be other than that from which he is sent; that is, the county from which he is sent or the county named as his residence in the warrant of admission?

2. Is it necessary that bills for the support of county patients in the several state institutions be allowed by the board of supervisors, before payment?

3. After these bills have been certified to the county auditors by the state auditor, when and how should remittance be made to the treasurer of state?

These questions will be considered in the order stated.

First. Under the provisions of section 2266 of the code, the expenses of keeping an insane patient at a state hospit-

al should be charged to the county from which the patient is sent, unless the commissioners of insanity have found that such patient has, or probably has, a legal settlement in some other county, and the auditor of the county in which the legal settlement is found to exist has, after inquiry, ascertained that the patient has a legal settlement in that county, and has given notice thereof to the superintendent of the hospital to which the patient has been committed, and to the commissioners of the county from which he was sent, of the result of such inquiry.

If the superintendent is, by the auditor of the county in which the settlement of the patient is found to exist, informed that such patient has a legal settlement therein, then the expenses shall be charged to the county in which such legal settlement is found to exist, and not to the county from which the patient was sent.

The superintendent of the hospital has no authority to charge the expenses of a patient to any county other than that from which the patient is sent, until the inquiry provided for by section 2270 of the code has been made and notice thereof given as required by said section. When such notice has been given, the superintendent shall thereafter charge the expenses of the support of the patient to the county in which the legal settlement exists.

Second. Under the provisions of sections 2291 and 2292, the cost of supporting an insane patient at a state hospital should be certified to the auditor of state by each superintendent on the first day of January, April, July and October of each year, and the amount so certified should, by the auditor, be passed to the credit of the hospital from which the certificate is received.

The auditor of state should thereupon notify the county auditor of each county owing an amount so certified, and charge such amount to the county owing the same. The board of supervisors of the county owing such amount is required to levy a tax therefor and pay the amount due

the state for the support of the insane patient chargeable to such county into the state treasury; and it is not necessary that bills for the support of county patients be allowed by the board of supervisors or passed upon by them before such payment is made.

Third. Section 2292 provides that taxes levied and collected for the purpose of paying the cost of supporting insane patients in the state hospitals shall not be used for any other purpose, and the amount of the indebtedness for which such tax is required to be levied shall be paid over to the treasurer of state at the same time and in the same manner as is prescribed by statute for the payment of state taxes by the county treasurer.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

June 23, 1905.
HON. B. F. CARROLL,
Auditor of State.

INSURANCE—SUBSCRIPTIONS TO CAPITAL STOCK OF CORPORATION—Subscriptions to the capital stock of a corporation made before the corporation is organized, are valid and binding upon the subscribers, if such corporation is afterwards organized and the subscriptions are accepted by it.

SIR—After a careful investigation of the question of the validity of the subscriptions made to the capital stock of the Atlas Insurance Company, I have reached the conclusion that the same are valid and can be enforced against the subscribers thereto. The grounds upon which such conclusion is based are in brief these:

First. It is at this time a well settled principle of law that subscriptions made to the capital stock of a corporation before the corporation is organized, are valid and binding upon the subscribers if such corporation is afterward organized and accepts such subscriptions.

In Morawetz on Private Corporations (2d ed.), section 48, it is said:

“Subscriptions for shares in a corporation thereafter to be formed under a general law, may be accepted by the board of directors of the company after the organization.”

In *McClure v. Peoples Freight Ry. Co.*, 90 Pa. St., 268, that court, in passing upon the question of the validity of such subscriptions, said:

“The subscription was at least a valid proposition to the plaintiff, which became irrevocable the instant of its acceptance.”

The rule laid down by Morawetz is recognized in—

Penobscot R. Co. v. Drummer, 40 Me., 172 (63 Am. Dec., 654);

Lackey v. Richmon & L. Turnpike Co., 56 Ky., 43;

Whitsett v. Pre-emption etc. Church, 110 Ill., 125;

Peninsular R. Co. v. Duncan, 28 Mich., 130;

Minneapolis Threshing Machine Co. v. Davis, 3 L. R. A., 796;

Hughes v. Antietam Mfg. Co., 34 Md., 316.

Mr. Thompson in his work on Corporations, after a thorough examination and review of all of the cases upon the question, states his conclusion in these words:

“We then take the true view to be that the engagement created by a subscription to the stock of a projected corporation is binding in the absence of fraud inducing it, provided the corporation is formed according to the scheme, within a reasonable time; and that the subscriber cannot in the interim, any more than after the corporation is formed, retreat from it without unanimous consent.”

The principle is affirmed in the comparatively recent case of *Minneapolis Threshing Machine Co. v. Davis*, in which it is said:

“A subscription by a number of persons to the stock of a corporation to be thereafter formed by them, has in law a double character:

1. It is a contract between the subscribers themselves to become stockholders without further act on their part, immediately upon the formation of the corporation. And such contract is binding and irrevocable from the date of the subscription, at least in the absence of fraud or mistake, unless canceled by consent of all the subscribers before acceptance by the corporation.

2. It is also in the nature of a continuing offer to the proposed corporation which, upon acceptance by it, after its formation, becomes as to each subscriber a contract between him and the corporation.”

This is a clear and concise statement of the modern rule, and under it subscriptions to the capital stock of a corporation thereafter to be organized are valid contracts and enforceable by the corporation when such subscriptions are accepted by it after its organization.

Second. The subscriptions made to the capital stock of the Atlas Insurance Company are therefore valid and binding upon each of the subscribers and enforceable by the corporation, unless our statute has changed the common law rule.

Section 1694 of the code, which relates to insurance other than life, provides:

- “Having published the notice of incorporation contemplated by chapter 1 of this title, and filed the publisher’s affidavit thereof with the auditor of state, together with the articles of incorporation, as required in this chapter, the persons named in such articles as incorporators, or a majority of them, shall be authorized to open books for the subscription of stock to the company, if a stock company, or to take applications and premiums or premium notes

for insurance, if a mutual company, to the extent hereinbefore required, at such times and places as to them may seem convenient, and keep them open until the full amount required is subscribed or taken."

The purpose of the enactment of this statute is not apparent, as it gives to the corporation no power which it could not exercise under the common law in the absence of the statute. It is one of the inherent powers of a corporation after its organization to open its books for subscriptions to its capital stock, and to keep them open until the amount of its capital is fully subscribed. The statute is, therefore, simply declaratory of the common law and adds nothing thereto.

Where a statute provides that books may be opened by a corporation for subscriptions to its capital stock, subscriptions made upon slips of paper or in memorandum books are valid subscriptions within the meaning of the statute.

Mexican Gulf Co. v. Veavant, 6 Rob., 305;
Hamilton & D. Plank Road Co. v. Rice, 7 Barber,
157;
Ashtabula & N. L. R. Co. v. Smith, 15 Ohio St., 328;
Buffalo & Jamestown R. Co. v. Gifford, 87 N. Y.,
294.

The subscriptions to the capital stock of the Atlas Insurance Company are sufficient in form. They were delivered to Mr. Wilkinson, the promoter of the company, to be held by him until the company was organized, and were then to be turned over to the corporation without any further act of delivery on the part of the subscribers. Each subscription is a continuing agreement on the part of the subscriber to take and pay for the number of shares of the stock of the corporation designated therein.

It follows that such subscriptions are contracts between the subscribers, and that a delivery thereof to Mr. Wilkinson is a complete and valid delivery of such subscriptions, and the same become thereby binding upon each of the subscribers.

If, when the corporation is formed and its books opened for the purpose of receiving subscriptions to its capital stock, the subscriptions delivered to Mr. Wilkinson are by him delivered to the corporation, entered upon its books and accepted by it, the provisions of the statute are fully complied with. The corporation thereby becomes a party to the contract, and each of the subscribers is obligated to pay the amount of his subscription according to its terms.

This construction of the statute is in harmony with the rules of the common law. Subscriptions to the capital stock of a corporation, made prior to the organization of the corporation, and prior to the opening of its books for stock subscriptions, if delivered by the subscribers to a third person with the understanding that the same shall be delivered to the corporation when it is organized and when its books are open for stock subscriptions, become valid and binding subscriptions if delivered to and accepted by the corporation. After such delivery no one of the subscribers can retreat from his contract, and each subscription is valid and binding as against the person who made the same.

Under these principles of law, the subscriptions to the capital stock of the Atlas Insurance Company which were made prior to the organization of the corporation and delivered to Mr. Wilkinson, are valid and binding upon the subscribers after acceptance thereof by the corporation in the manner stated.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

June 27, 1905.
HON. B. F. CARROLL,
Auditor of State.

STATE PROPERTY—POWER OF THE TRUSTEES OF THE IOWA STATE COLLEGE OF AGRICULTURE TO LEASE BUILDING SITES TO MEMBERS OF THE COLLEGE FACULTY—It is held that the statute does not confer upon the Board of Trustees the power to lease lands belonging to the state to members of the faculty for residence purposes.

SIR—I am in receipt of your favor of the 24th instant advising me that the board of trustees of the Iowa State College of Agriculture and Mechanic Arts desires my opinion as to whether it is empowered to make and execute, to members of the faculty of the college, leases of building sites upon the land used and occupied as a part of the grounds of said college. In compliance with the request I submit the following opinion:

The powers of the board are defined by sections 2647, 2656 and 2657 of the code.

By section 2647 it is given power to manage and control the property of the college and farm, whether real or personal. Section 2656 provides that it may sell the lands granted to the state by act of congress, and any lands acquired by purchase or otherwise, for cash, or upon partial credit not exceeding ten years, at such price as shall be fixed by the board. Section 2657 authorizes it to lease such lands as it is authorized to sell under the provisions of section 2656, for a term not exceeding ten years, at an annual rental equal to eight per cent per annum upon the appraised value of the tract, payable annually in advance.

The provisions of sections 2656 and 2657 clearly relate to the lands belonging to the state and known as the Agricultural College lands, which were granted by congress for the endowment and support of the college, or were acquired by the state in some other way for that purpose. All, or nearly all, of the lands referred to by these sections were granted to the state of Iowa by the act of congress of July 2, 1862, and in the act making the grant it is provided that lands so granted are to be sold by the

states to which the grant is made, and the money received therefrom invested in stocks and bonds of the United States or other safe securities, yielding not less than five per centum upon the par value thereof, which money so invested shall constitute a perpetual endowment fund, the interest of which shall be used to support and maintain a college where the leading object shall be the teaching of such branches of learning as relate to agriculture and mechanic arts.

The legislature of the state of Iowa, by an act approved September 25, 1862, accepted the grant of lands from the government, subject to all the conditions and restrictions contained in the act of congress.

It was and is necessary that the endowment lands of the college be sold and leased, and the proceeds thereof invested in the manner directed by the act of congress. It was these lands and lands of like character which the legislators had in mind at the time of the enactment of the sections of the statute referred to.

By the provisions of sections 2656 and 2657, the board of trustees of the college is authorized to sell and lease the lands referred to, and to invest the funds which are derived therefrom. The provisions of these sections do not refer to the lands which are devoted to the uses of the college, as distinguished from those by which it is endowed, and it cannot be successfully maintained that under the provisions of these sections the board has the power to alienate the lands belonging to the state which are used and occupied for college purposes.

If the power to lease lands belonging to the state and which are devoted to the uses of the college exists in the board, it must therefore be found in subdivision 2 of section 2647 of the code, which is in these words:

“The board of * * * trustees shall have power—
2. To manage and control the property of the college and farm, whether real or personal”.

The question which arises is: Does this provision of the statute confer upon the board power to lease any part of the lands belonging to the state which have been dedicated and devoted to the uses of the college? That is, does the phrase "to manage and control" empower the board to lease any portion of such grounds for residence purposes?

The words "manage" and "control" have frequently been defined by courts of last resort to be synonymous, and to mean to direct, govern, administer, oversee.

Youngworth v. Jewell, 15 Nevada, 48;

Ure v. Ure, 185 Ill., 216;

Cook County v. McCrea, 93 Ill., 238.

Neither word, therefore, extends the power and authority of the board of trustees beyond that which is given by the other. If the legislature had said that the board of trustees shall have power to manage the property of the college and farm, such enactment would have the same force as the provision that the board shall have power to manage and control such property. The use of the word "control" by the legislature in conferring the power granted to the board of trustees adds nothing to its power which would not have been granted by the use of the word "manage" alone.

In *Cook County v. McCrea*, *supra*, it is held that the term "manage" means to control according to law, and that the statute therefore can not be understood to give to county boards an unlimited power of management of county funds, where there is an absence of any specific provision of the law to the contrary, and means nothing more than that they shall have power to manage the county funds and county business according to law.

Management is defined as government, superintendence, physical or manual handling or guidance, the act of managing by direction or regulation or administration.

In *re Sanders*, 53 Kansas, 191;

Lewis v. Lewelling, 53 Kansas, 201.

In *Randall v. Josselyn*, 59 Vt., 557, it is held that the words "control and management", as used in a will devising property to the testator's son, mean that the son should have the use, possession, superintendence and direction of the property and the power of exercising a general restraint over the same during the continuance of his estate, but does not include the power of disposal.

In *Baltimore County Commissioners v. Board of Managers of the Baltimore Hospital for the Insane*, 62 Md., 132, it was held that the word "managers", as used in a statute providing that the governor, by and with the advice and consent of the senate, shall appoint a board of managers of the hospital for the insane, means what the term imports—managers simply of the property, with no power to pledge, alienate or encumber it, charged with the duty of its protection and faithful operation on behalf of the state, but invested with no absolute ownership of the property.

The clear intent of the statute is that the board of trustees of the college shall govern, manage and control the property of the college and farm in the administration of the affairs of the college. It has no authority to make any disposition of such property or any part thereof which shall place it beyond the control of the board. The execution and delivery of a lease of the character of that authorized by the resolution of the board would be such a disposition of the land, belonging to the state, included in the lease, as would place the same, to a degree at least, beyond the immediate control of the board. The execution of the lease would be a relinquishment to some extent of the possession of the board and its right to the absolute management and control of the property leased. The land would be diverted from the use to which it was devoted by the state to another use and purpose, which clearly was not contemplated by the legislature at the time of the enactment of the statute referred to.

The execution and delivery of the lease authorized by the resolution of the board is in the nature of a grant of an easement in the college grounds; such easement being subject to termination by the board after ten years upon one year's notice of its intention to do so, and upon payment, to the person to whom the right is granted, of the value of the improvements made by him under the grant.

It is not a lease within the strict meaning of the term. No rent is reserved by the board under the contract, the sum of one dollar a year being simply a nominal amount. The person to whom the lease is made has the right to extend it indefinitely, and it can only be terminated by the board, except in case of the destruction of the dwelling house by fire, upon payment of the value of the improvements.

The statute does not give the board authority to use the funds of the college for the payment of the value of improvements made upon lands covered by leases of this character, and such use would, in my opinion, be an unauthorized diversion of the funds of the college from the purposes for which they were created.

The board of trustees of the College of Agriculture and Mechanic Arts is an agent of the state to which the management of the property of the state is confided. Its powers are such only as are expressly conferred by statute, or impliedly conferred because necessary to carry out those which are expressly given. It must hold the possession of and manage the property of the state for the purposes to which such property is devoted, and for no other.

The provisions of the statute quoted do not in my opinion confer upon the board of trustees power to divert the use of the property from the purpose to which it was devoted by the state, and to lease the same for residence purposes to any member of the faculty of the college or to any other person. The property must be

held and possession thereof retained by the board exclusively for school purposes, and any disposition, or attempt at a disposition thereof, for other purposes, is in excess of the powers conferred upon the board by the legislature.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

June 29, 1905.

MR. E. W. STANTON,

*Secretary Iowa State College of Agriculture
and Mechanic Arts.*

DRAINAGE OF LAKES—CONSTRUCTION OF DIKE AND FISHWAY—
COST OF—The cost of building and maintaining a dike and fishway in the drainage of a lake under order of the executive council should be paid from the drainage fund of the district.

SIRS—I am in receipt of a letter from your secretary, Mr. A. H. Davison, informing me that you desire my opinion as to the right of the board of supervisors of Emmet county to use any part of the county fund of that county for the purpose of constructing a dike or dam, with proper fishway and spillway, as required by the executive council, made necessary by the draining of Swan Lake. In compliance with such request I submit the following opinion:

The construction of a dike, spillway and fishway for the purpose of retaining the waters of the upper lake is an expense incidental to the draining of the lower lake, and must be included in any plan of drainage agreed upon by the board of supervisors in which the lower lake is drained and the upper lake retained. The cost of such dike, spillway and fishway, therefore, should be paid from the drainage fund of the district.

Section 1 of chapter 68 of the acts of the thirtieth general assembly gives to the board of supervisors of any county jurisdiction, power and authority to establish

a drainage district or districts, and to locate and establish levees, and cause to be constructed any levee, ditch, drain or water course as provided therein.

Sections 12, 13 and 28 of the same act provide for the raising of funds with which to pay the cost of constructing such ditches, drains and levees.

The dike required to retain the waters of the upper lake is a levee within the meaning of section 1, and the cost thereof should, therefore, be paid from the drainage fund created as provided by sections 12, 13 and 28 of the act. The spillway and fishway are a part of the dike. Their construction and maintenance become necessary by reason of the draining of the lower lake, and the cost thereof should be paid from the same fund as that of the dike.

The provisions of sections 12, 13 and 28 of the act referred to, as to the manner of the payment of the cost of constructing dikes and ditches for the drainage of lakes and swamp lands, are exclusive so far as the county is concerned, and the board of supervisors has no power to pay such cost from the funds of the county, as distinguished from the drainage fund provided for by the sections of the act referred to.

In holding that the cost of building such dike, spillway and fishway should be paid from the drainage fund of the district, I do not wish to be understood as saying that it is not within the power of the executive council to pay any part or all of the cost thereof out of the proceeds of the sale of the lake bed which is drained. It is, in my opinion, within the power of the executive council to pay all or any part of the cost of such dike, spillway and fishway from the money derived from the sale of the lake bed, as a part of the expenses incurred in the drainage of

such lake, before turning such fund over to the county as provided by section 9 of chapter 186 of the acts of the thirtieth general assembly.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

June 30, 1905.

TO THE HONORABLE EXECUTIVE COUNCIL
of the State of Iowa.

MEANDER LAKES—ACT OF INDIVIDUAL IN DRAINING—When an attempt has been made by any person or persons to drain a meandered lake so that it will have an artificial outlet, the state may restore such lake to its natural condition, and an injunction will lie to prevent further trespass.

SIR—I beg leave to acknowledge the receipt of your communication of the 12th ultimo enclosing a letter of Mr. A. B. Lauritz Styve, and requesting my views as to what action should be taken by the state as to the acts of the persons who have partially drained Rice lake in Winnebago county, and lowered the water therein by excavating a ditch into the lake and which forms an outlet through which the water flows out of the lake.

The communication has been on my desk several days but pressure of other business has prevented me from taking it up before. In compliance with your request I respectfully submit the following opinion:

The state by its executive should, in my opinion, exercise such control over the lake in question, as well as other meandered lakes in the state of like character, as will maintain them as nearly as is possible in their normal condition. Where an attempt has been made by any person or persons to drain any of such lakes without authority of law, the banks and shores of such lake should by

executive action be restored as nearly as is possible to their natural condition and the height of water in the lake raised and kept as nearly as may be to the ordinary high water mark.

An action for injunction will lie and can be successfully prosecuted against any person or persons who attempt to illegally drain or lower the water in any of such lakes, and such action should, in my opinion, be instituted by the state against any person or persons attempting, without authority of law, to cut a ditch or drain by which an artificial outlet of any of the meandered lakes in the state, will be created and the water drained therefrom or lowered therein.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

July 19, 1905.

HON. A. B. CUMMINS,

Governor of Iowa.

LOAN AND TRUST COMPANIES—AMOUNT OF CAPITAL STOCK—

EXAMINATION BY AUDITOR OF STATE—NATURE OF BUSINESS—(1) The capital stock of any loan and trust company must be fully paid up before it can commence business, and must not be less than that required of savings banks. (2) Such companies are subject to examination by the auditor of state. (3) No loan or trust company can conduct a banking business, except it may receive time deposits and issue drafts upon its depositories.

SIR—I am in receipt of your favor of the 18th instant in which you request my opinion upon the following questions:

(1). Do the articles of incorporation of the Waterloo Loan and Trust Company which are submitted to me, conform to the laws of Iowa? If not, what changes or alterations should be made therein?

(2). Should a certificate of the character issued to state and savings banks be issued by the auditor of state to loan and trust companies, authorizing them to begin the transaction of their business when they have complied with all of the provisions of the statute relating to their organization?

(3). Can loan and trust companies organized under the laws of Iowa legally receive current deposits subject to check?

These questions will be taken up in the order in which they are stated.

First. Article 3 of the articles of incorporation of the Waterloo Loan and Trust Company provides that the capital stock of the corporation shall be \$250,000; that it shall be divided into shares of \$100 each, and paid in at such times and upon such conditions as may be prescribed by the board of directors, and that the corporation may begin business when \$100,000 of its capital shall have been subscribed.

The provisions of this article which relate to the amount of the capital stock, when the same shall be paid into the treasury of the company, and which provide that the corporation may begin the transaction of its business when \$100,000 of its capital stock shall have been subscribed, are not in accordance with the provisions of chapter 65 of the acts of the thirtieth general assembly, which became a law on the 4th day of July, 1904.

That chapter in effect provides that all loan and trust companies whose articles of incorporation authorize the acceptance and execution of trusts, and all corporations in whose name the word "trust" is incorporated and forms a part, shall have a full paid capital of not less than the amount of capital of savings banks, as provided in section 1843 of chapter 10 of title 9 of the code.

Section 1843 provides:

"The paid up capital of any savings bank shall not be less than ten thousand dollars in cities, towns

or villages having a population of ten thousand or less, nor less than fifty thousand dollars in cities having a greater population. The corporation may commence business when its first directors or officers named in its recorded articles of incorporation shall have furnished the auditor of state proof, under oath, that the required capital has been paid in and is held in good faith by said bank, and he has satisfied himself of such fact, for which purpose he may make a personal examination, or cause it to be made, at the expense of such bank, and he is also satisfied that the preceding sections of this chapter have been complied with and has issued a certificate to that effect, naming therein its first board of directors, notice of which certificate shall be given by the publication thereof for four consecutive weeks in some newspaper printed in the county wherein its articles are recorded * * * * .”

On the 19th day of May of the present year in a written opinion furnished the auditor of state by the attorney general, it was held that a savings bank organized under chapter 10 of title 9 of the code, must have the entire amount of its capital, as provided in that chapter, paid in before it is entitled to receive a certificate from the auditor of state authorizing it to commence the transaction of its business. The conclusion which was reached at that time by the attorney general is stated as follows:

“Under this provision of the statute, I think the entire amount of the capital of a savings bank must be fully paid before the bank can be authorized to begin the transaction of business.”

The provisions of chapter 65 of the acts of the thirtieth general assembly apply with equal force to loan and trust companies. They are required by the provisions of that chapter to have a capital of not less than the amount of capital required of savings banks by section 1843 of the code, and such capital must be fully paid before they are entitled to commence the transaction of their business.

Article 3 of the articles of incorporation referred to

must be changed so as to make the capital of the Waterloo Loan and Trust Company \$100,000, or the entire authorized capital of \$250,000 should be fully paid.

Second. The provisions of section 1889 of the code which relate to the organization and business of loan and trust companies as amended by the act of the thirtieth general assembly read as follows:

“No corporation shall engage in the banking business, receive deposits, and transact the business generally done by banks, unless it is subject to and organized under the provisions of this title, or of the banking laws of the state heretofore existing, except that loan and trust companies may receive time deposits, subject to the same limitations as are now or may hereafter be prescribed for the receiving of deposits by state banks, and issue drafts on their depositories. All such companies and all corporations now existing or hereafter organized under the provisions of chapter 1, title 9 of the code, whose articles of incorporation authorize the acceptance and execution of trusts and all corporations in whose name the word ‘trust’ is incorporated and forms a part, shall have a full paid capital of not less than the amount of capital of savings banks, as provided by section 1843 of chapter 10, and shall be subject to examination, regulation and control of the auditor of state, like savings and state banks, and their stockholders shall be liable to the creditors of such companies as provided in section 1882 of this chapter for stockholders in state and savings banks. Any corporation violating this section shall forfeit its charter, at the suit of the attorney general, and said corporation, its officers, directors and agents shall be punished by a fine of not less than five hundred dollars or imprisonment of not less than two years in the penitentiary, or by both such fine and imprisonment at the discretion of the court, * * * .”

The effect of the amendment made by the thirtieth general assembly is to place all loan and trust companies under the control and regulation of, and make the same

subject to examination by the auditor of state in the same manner as savings and state banks are controlled, regulated and examined by him.

Section 1843 of the code provides for the examination of savings banks by the auditor of state and that when he has satisfied himself that all of the provisions of the statute relating to such banks have been complied with, he shall issue a certificate to that effect.

Section 1864 contains substantially the same provision with reference to state banks.

The examination of savings and state banks and the issuance of a certificate permitting them to begin the transaction of their business when the auditor has found that all of the provisions of the statute have been complied with, are important factors in the regulation and control thereof. It therefore follows that when the legislature made all loan and trust companies subject to examination, regulation and control of the auditor of state in like manner as savings and state banks are subject to his examination, control and regulation, it became his duty to make an examination of all loan and trust companies in the same manner as an examination of savings and state banks is now made by him under the provisions of sections 1843 and 1864 of the code; and if upon such examination he finds that all of the provisions of the law relating to the organization of loan and trust companies have been faithfully complied with, it is his duty to issue a certificate authorizing them to begin the transaction of their business in the same manner as such certificate is issued to savings and state banks.

Third. Under the provisions of section 1889 before quoted, no loan and trust company is authorized to engage in the banking business, to receive deposits or to transact the business generally done by banks, except it may receive time deposits subject to the same limitations as are now or may hereafter be prescribed for the receiving of deposits of state banks, and issue drafts on its depositories.

It is not entitled to open or carry current accounts against which checks may be drawn, nor to transact any other business which is generally done by banks, except that it may receive time deposits and issue drafts upon its depositories. The transaction of any other character of business ordinarily done by banks is a violation of the statute for which the officers of the loan and trust company may be held liable.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

July 20, 1905.

HON. B. F. CARROLL,
Auditor of State.

CENSUS—ENUMERATION OF—POWERS OF EXECUTIVE COUNCIL THEREIN—It is held that the powers of the executive council over the enumeration and compilation of the state census are ministerial and not judicial in character. It may not inquire into the correctness of the returns, or order a re-enumeration of the census of any district.

SIRS—In response to your request for an opinion as to the power of the executive council to determine the correctness of the returns of a census enumerator upon extrinsic evidence, and to set aside such returns if found incorrect and order a new enumeration of the district from which such returns are received, I respectfully submit the following opinion:

Section 1 of chapter 8 of the thirtieth general assembly makes it the duty of the executive council to cause to be prepared and printed blank forms suitable for the purpose of taking the census and to enable the assessors to make uniform returns of population and agriculture. That section provides that the schedules relating to the population shall comprehend for each inhabitant the

name, age, color, sex, conjugal condition, place of birth, and place of birth of parents, whether alien or naturalized, number of years in the United States, occupation, months unemployed, literacy, school attendance, and ownership of farms and homes. It also provides that the executive council may use its discretion in the construction, form and number of inquiries necessary to secure the information sought.

The blanks required to be prepared by the executive council are to be furnished to the county auditors and by them to the township assessors on or before the first Monday in January of the year in which the census is to be taken.

In addition to such matters the section further provides that there shall be blanks for the ex-soldiers of the United States living in Iowa which shall contain the name, company and regiment to which the soldier belonged, and his present place of residence.

Section 2 of the act relates wholly to the duty of the assessor in each assessing district to make the proper entries upon the blanks furnished, and to return the same to the county auditor on or before the first day of June of the census year.

Section 3 provides that when any assessor fails to perform any of the duties required by the act, the auditor of the county shall appoint some suitable person to take the census as provided therein at as early a day as practicable, at the expense of the county.

Section 4 provides for the forwarding of the census returns to the secretary of state by the county auditor, and that such return shall be filed and preserved by the secretary of state.

Section 5 makes it the duty of the executive council to cause abstracts or compilations of the census to be prepared, which shall be recorded by the secretary of state in a book to be kept by him for that purpose, and gives

to the executive council power to add to such compilation such other statistics in reference to banking, railroads, insurance, manufactures, education and other matters of public interest as it may be able to procure from the heads of the various departments of the state and other sources.

Section 6 relates to the character of employees which may be employed by the executive council in making the compilation of the census.

Section 7 makes it the duty of the executive council when the census has been compiled to cause the same to be published in book form, to be known as the census of Iowa.

The other sections of the act relate to such publication being evidence of the population of Iowa, to the co-operation with the United States census bureau by the executive council, and to the appropriation of money to defray the expenses of taking such census.

The duties to be performed by the executive council under the provisions of this act are ministerial and not judicial.

It is urged in a brief which I have received upon the question, that the executive council has implied power to inquire into and determine the correctness of the census returns made by the enumerators.

Many authorities are cited in support of the proposition that public officers have the powers which are expressly granted to them, and also such implied powers as are necessary to the exercise of those expressly granted.

The rule of law as stated is unquestionably correct, and is so well established that the citation of authorities in its support is unnecessary; but it falls far short of establishing the proposition that the executive council may act as a judicial body and determine upon evidence aliunde whether the statements contained in the census returns which are forwarded from the various assessing districts of the state are true or untrue. Its powers are

specifically named in the act of the thirtieth general assembly, and it is clothed with such additional implied powers only as are necessary to carry out and perform those expressly given.

The powers expressly given the executive council are (1) to cause to be prepared and printed blank forms for the census returns; (2) to cause abstracts or compilations of the census returns to be prepared; (3) to add to such compilation such other statistics in relation to banking, railroads, insurance, manufactures, education and other matters of public interest as they may be able to procure, and which they consider of sufficient value to be included in the census report; (4) to employ only skilled persons fully qualified by their education and skill to rapidly and accurately perform the duties of stenographers and accountants; (5) to cause the compiled census to be published in a book to be known as the census of Iowa; (6) to co-operate so far as practicable with the census bureau of the United States in gathering, compiling and publishing census statistics.

Whatever power or authority is necessary to the exercise of the duties imposed upon the executive council by the act referred to, is implied by the provisions of the act, but beyond the power necessary to carry into effect the express provisions of the statute it has no authority.

To determine whether the returns of a census enumerator are in accordance with the facts which exist in the district from which the returns come, the executive council must assume the functions and powers of a trial court. It must receive evidence for and against the correctness of such returns, and then judicially determine whether the statement of facts shown by the return of the enumerator is true or untrue. No such power is expressly given, nor is it necessary to the complete exercise of all powers and duties expressly given or imposed by the statute.

It cannot be said that the executive council, sitting as a court and exercising judicial functions, should determine any question presented to it relating to the correctness of the returns of a census enumerator upon *ex parte* affidavits and evidence, and the statute nowhere directly or impliedly confers upon it the power to subpoena or compel the attendance of witnesses, or to procure evidence in any other form. Without such power it cannot perform the duties of a judicial tribunal.

The council may, under the implied powers conferred by the provisions of the act, correct any errors or mistakes which are apparent upon the face of the census returns, as the correction of such errors and mistakes is necessary to the compilation of such returns; but, in my opinion, it cannot go beyond the returns themselves and receive extrinsic evidence for the purpose of determining the correctness thereof.

Whenever the question of the verity of a return made by any census enumerator arises, such question can, in my opinion, be determined only by a court having jurisdiction thereof, and if upon a trial by such court it is found that the statements contained in the return are incorrect, the return may be set aside and a new enumeration of the district made under the order of the court in conformity with the provisions of the statute. The power to set aside such return and to order a new enumeration in the district for which such return is made, is vested in the courts of the state and not in the executive council.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

July 29, 1905.

TO THE HONORABLE EXECUTIVE COUNCIL
of the State of Iowa.

COUNTY SUPERINTENDENT OF SCHOOLS—SUPPLIES FOR THE OFFICE—PAYABLE FROM COUNTY FUNDS—No part of the county school tax may be used for the purpose of purchasing supplies for the county superintendent, but the same must be paid from the funds of the county.

SIR—In compliance with your request for an opinion whether the tax levied for the support of schools within the county upon all of the taxable property therein may legally be used by the board of supervisors in the purchase of supplies for county superintendents, I submit the following:

Section 2807 provides:

“The board of supervisors shall at the time of levying taxes for county purposes, levy the taxes necessary to raise the various funds authorized by law and certified to it under this chapter; but if the amount certified for any such fund is in excess of the amount authorized by law, it shall levy only so much thereof as is authorized by law. * * * It shall also levy a tax for the support of the schools within the county of not less than one nor more than three mills on the dollar on the assessed value of all the taxable property within the county.”

Section 2808 provides:

“The county auditor shall, on the first Monday in April and the fourth Monday in September of each year, apportion the school tax together with the interest upon the permanent school fund to which the county is entitled, and all other money in the hands of the county treasurer belonging in common to the schools of the county and not included in any previous apportionment, among the several corporations therein in proportion to the number of persons of school age, as shown by the report of the county superintendent filed with him for the year immediately preceding * * * .”

Under the provisions of section 2808 the school tax levied upon all of the taxable property in the county under the provisions of the preceding section must be apportioned, with the interest upon the permanent school fund and all other money set apart for the support of the

public schools, and distributed to the school corporations of the county in proportion to the number of persons of school age in each school district.

Section 468 of the code provides:

“The board of supervisors shall furnish the clerk of the district court, sheriff, recorder, treasurer, auditor, county attorney and county superintendent with offices at the county seat, together with fuel, lights, blanks, books and stationery necessary and proper to enable them to discharge the duties of their respective offices * * * .”

Section 2742 of the code provides:

“He (the county superintendent) shall receive a salary of twelve hundred and fifty dollars a year and the expenses of necessary office stationery and postage, and those incurred in attendance upon meetings called by the superintendent of public instruction; claims therefor to be made by verified statements filed with the county auditor, who shall draw his warrant upon the county treasurer therefor * * * .”

The board of supervisors of the county is required by section 468 to furnish the county superintendent with fuel, lights, blanks, books, stationery and office supplies necessary to enable him to properly discharge the duties of his office. Such supplies must be furnished in the same manner as they are furnished to other county officers, and paid for from the funds of the county.

Under the provisions of section 2742 the claims of the county superintendent for postage, etc., must be verified, filed with the county auditor and paid for by a warrant drawn by the auditor upon the county treasurer.

The statute nowhere authorizes the appropriation or use of any part of the county school tax for the purpose of purchasing supplies for the county superintendent. The entire amount of such tax must be apportioned to the

school corporations of the county, and the board of supervisors should furnish all supplies necessary to enable the county superintendent to discharge the duties of his office and pay for the same from the funds of the county.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

August 3, 1905.

HON. JOHN F. RIGGS,

Superintendent of Public Instruction.

SAC AND FOX INDIANS—TITLE TO LANDS HELD BY THEM—
HISTORY OF—The only duty devolving upon the Governor of the state in relation to the Sac and Fox Indians residing in Tama county is to act as trustee in holding title to such lands as have been conveyed to him.

SIR—In response to your request for a statement as to the authority and relation of the governor of the state as to the lands and affairs of the Sac and Fox Indians residing in Tama county, I beg to submit the following:

The history of the settlement of these Indians in Tama county is in brief this:

In 1842, a treaty was made between the tribes of Sacs and Foxes and the United States, by which all lands west of the Mississippi river to which they then had any claim or title, were ceded to the United States, the Indians reserving the right to occupy that portion of the land ceded which lies west of a line running due north and south from the Painted or Red Rocks on the White Breast Fork of the Des Moines river. The consideration to be paid the Indians for their lands ceded to the United States was five per cent on the sum of eight hundred thousand dollars, and the payment of all of the debts then owing by such Indians, and in addition thereto the assignment of a

tract of land suitable and convenient for the residence of the Indians upon the Missouri river or some of its waters.

Soon after the execution and ratification of the treaty referred to, a tract of land was set apart by the president of the United States under the terms of such treaty in eastern Kansas, to which the Sac and Fox Indians were removed about 1846. After their removal to the tract so selected by the president, several of the Indian families returned to Iowa and erected their wickie-ups along the Iowa river in Tama county. These were joined by others who came from the Kansas reservation, and in 1857 they purchased an eighty acre tract of land lying along the Iowa river in Tama county. The title to this tract of land was taken in the name of James W. Grimes, then governor of Iowa, to be held by him and his successors in trust for the Indians.

In 1866, another tract of forty acres was purchased, the title to which was also taken in the name of the governor as trustee.

About 1867, Major Leander Clark was appointed United States Indian agent for these Indians, and during his administration of their affairs he purchased other tracts of land the title to which was conveyed to him as United States Indian agent and his successors in office, in trust for the Indians.

Subsequent purchases of lands were made, the title to part of which was taken in the name of the governor of the state and part in the name of the Indian agent as trustees respectively for the Indians.

From 1846 to 1856 these Indians remained in Iowa, and a part of the time upon lands owned by them, without any official recognition by the United States government or the state of Iowa.

The fifth general assembly of the state of Iowa, at its extra session in 1856, passed an act by which the consent of the state was given to the Indians then residing in

Tama county, and known as a portion of the Sacs and Foxes, to remain and reside in the state, and requesting the governor to inform the secretary of war of such residence, and to urge upon the department the propriety of paying the Indians their portion of the annuities due or to become due the tribe under the treaty of 1842. This act was the first official recognition on the part of either the state or the government of the right of the Indians to reside in Iowa.

From 1856 to 1896 the Indians continued to reside upon their Tama county lands under the authority of the act of the general assembly, and the government annuities were paid to them by an Indian agent appointed by the interior department of the government.

In 1896 the general assembly passed an act by which exclusive jurisdiction of the Sac and Fox Indians residing in Iowa and retaining tribal relations, and of all other Indians dwelling with them, and of all lands then or thereafter owned or held in trust for them as a tribe, was ceded to the United States, and by which authority was granted to the United States government to purchase any land in Tama county to be used for and in connection with any school or schools to be established and managed by federal authority for the education of such Indians. This cession was subject to the following conditions:

(1). The state reserved the right to serve any judicial process issued or returned to any court in this state or the judge thereof, and reserved to the state jurisdiction of crimes against the laws of Iowa committed upon said lands by the Indians or others, and of such crimes committed by Indians in any part of the state; (2) the right to establish and maintain highways; (3) the exercise of eminent domain under the laws of the state; (4) the power to levy taxes upon the lands for state, county, bridge, county road and district road purposes, and for such other purposes as the general assembly may from time to time by special statute provide.

The act became a law on the 20th day of February, 1896.

In 1896 and soon after the passage of the act of the twenty-sixth general assembly, an act was passed by congress by which the jurisdiction of the Sac and Fox Indians in Tama county in the state of Iowa and of their lands, as tendered to the United States by the state of Iowa, was accepted, subject to the limitations and conditions imposed by the act of the Iowa legislature. The closing paragraph of the act of congress is as follows:

“And the United States Indian agent of the Sac and Fox Agency, Iowa, and the governor of the state of Iowa, respectively, are hereby authorized to transfer by deed of conveyance for the use and benefit of such Indians, the legal title, held by them in trust respectively, and the trusteeship of the lands of the Sac and Fox Indians of Tama county, Iowa, to the secretary of the interior and to his successors in office.”

Since the passage of the act of congress referred to, these Indians have been under the direct care, jurisdiction and control of the interior department of the United States.

The provision of the act of congress of 1896, authorizing the governor of the state and the United States Indian agent of the Sac and Fox Indian agency in Iowa, to convey the lands belonging to the Indians to the secretary of the interior, and to his successors in office, in trust, has never been carried out, and the title to such lands is now held in part by the governor and in part by the Indian agent in trust for these Indians.

Under these facts the only duty which appears to devolve upon the governor in relation to the Sac and Fox Indians residing in Tama county, is to act as trustee in holding the title to such of the lands as have been conveyed to him, until the conveyance authorized by the act of congress of 1896 is made to the secretary of the interior, and to enforce the execution of the laws of the state

as to the Indians and their property as provided by the act of the Iowa legislature passed on the 20th day of February, 1896.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

August 9, 1905.

HON. ALBERT B. CUMMINS,

Governor of Iowa.

SOLDIERS' ORPHANS' HOME—IMPROVEMENTS BY CITY CREATING A NUISANCE TO STATE PROPERTY—A municipal corporation may not construct an embankment which stops the natural flow of a stream of water. If a nuisance results, it may be abated.

SIRS—I am in receipt of your favor of the 8th instant, requesting my opinion upon the facts therein stated, the letter and request being as follows:

“A portion of the land owned by the state for the use of the Soldiers' Orphans' Home lies within the corporate limits of the city of Davenport. Prior to the year 1902, Duck Creek, a stream of considerable size which at all times contains running water, flowed through this land within a short distance of some of the buildings of the Home, passing from the Home grounds at Eastern Avenue in which the city maintained a bridge over the creek. In the year 1902 the general assembly appropriated money to change the course of the portions of Duck Creek described, a cut off was excavated in the year 1903, and the water of the creek has since that time passed through the cut off outside the city limits.

“The old bed of Duck Creek next the Home buildings was filled to the nearest line of Eastern Avenue, but before the filling was done a line of sewer pipe for the sewage of the institution was laid in the bottom of the bed and through this flows the effluent of the sewage disposal plant.

"The borders of the cut off are higher than the ground between it and the old creek bed and the result is that the surface water from that area and from a large tract of ground which drains into it, flows to the old bed of the creek, and over the filling into the old channel under the bridge and thence to the main body of water in the creek. The quantity of water which thus seeks an outlet at the bridge in wet seasons is large, and if the flow be obstructed at the bridge, it would accumulate to a depth of several feet near several cottages of the Home and would cover an area of several acres. The result would be stagnant water dangerous to the health of the inmates of the Home and the public. The area which would be covered as stated, is largely owned by the state, but includes a public highway which passes through the tract and part of another, along the side of the creek.

"The city of Davenport has commenced to make a fill in the bed of Duck Creek under the bridge in Eastern Avenue, and as we are advised, does not intend to leave or construct any way for the passage of the water which will flow over the fill in the old creek bed in time of high water, but intends to construct a solid bank or dam notwithstanding our objections and protest in behalf of the state. This will result in the accumulation of stagnant water, as stated, and the state has no adequate means of preventing it.

We desire your opinion as follows:

1. Has the city a right under facts as stated, to construct a solid bank across the old bed of Duck Creek in Eastern Avenue, making no provision for the escape of surface water?

2. If it has not, but persists in constructing this bank what is the remedy of the state before, and what after, the fill is completed?

3. In case the state has a right to an unobstructed flow of the surface water in question, and can maintain that right in court, what authority should direct the bringing of the action and what official should conduct it?"

These questions will be considered in the order in which they appear in the request.

First. It may be fairly assumed that stagnant water, likely to become foul or offensive and a menace to the public health, is a nuisance, and any act of a municipal corporation by which the natural channel or drainage of surface waters is destroyed by the construction of an embankment or dam across such natural drainage course, is an act on the part of the municipal corporation by which a nuisance is created, and for which the corporation is liable.

In *McClure v. Red Wing*, 28 Minn., 186, it is said:

“When in the judgment of a municipal corporation it becomes necessary, in making a public improvement, to obstruct the natural channel of a stream formed by surface water made up of rains and melted snow which has fallen upon the sides of the ravine in which the water flows, or on the sides of those ravines tributary thereto, and where the water often flows with the rapidity of a torrent and the volume of a small river, the city is bound to provide artificial channels to carry off the water without injury to the property of others, and to exercise reasonable care, skill and diligence in doing the work.”

In the present case the old channel of Duck creek is an existing natural water course by which the waters coming from rains or melted snows upon the sides of the hills are carried off, and the city of Davenport has no right to dam up such water course by filling one of its streets across the same, and thereby prevent such surface waters from flowing along the natural channel.

If, by the erection of a dam or fill in the street by the city across such water course, a pond of stagnant water is created above such dam or fill, the city would be liable for the creation of a nuisance, and an action in damages would lie, or the nuisance could be abated by an action in equity.

Second. An action for injunction will lie on the part of the state to prevent the city of Davenport from erecting and maintaining a dam across the old channel of Duck creek,

if the erection and maintenance of such dam will create a nuisance by causing the accumulation of stagnant water in such channel above the dam or fill, which will be detrimental to the public health.

If the fill has been made by the city, and as a result thereof a nuisance is created upon the lands of the state by stagnant water accumulating thereon because of the damming of the old channel of Duck creek, an action for a mandatory injunction will lie in behalf of the state against the municipal corporation to compel it to construct a culvert in the dam or fill of sufficient capacity to carry away the water which naturally flows along the channel.

Third. In my opinion the state has a right to an unobstructed flow of the surface water along the old channel of Duck creek, and can maintain that right in the courts of the state. An action seeking to maintain such right should, in my opinion, be authorized by the executive council of the state and brought in the name of the state upon the relation of the attorney general.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

August 9, 1905.

TO THE HONORABLE BOARD OF CONTROL
of State Institutions.

LAKE BEDS—SALE OF BY EXECUTIVE COUNCIL—Land cannot be condemned for the purpose of constructing dikes.

SIR—In answer to the inquiries contained in the letter of Mr. E. W. Burgitt of date August 4th, referred by you to me, I beg leave to say:

I herewith enclose you a copy of an opinion given the executive council upon the question of the construction of levees of the character of those indicated by Mr. Burgitt, and as to the funds from which the cost of such dikes should be paid.

I will briefly answer the questions asked by Mr. Burgitt in the order in which they are stated in his communication.

(1). The proceeds of the sale of the lake beds can only be used to pay the cost of constructing dikes by an order of the executive council. The council may order the sale of such lake beds either before or after the same are drained.

(2). There is no provision of the statute which authorizes the state to condemn land for the purpose of constructing dikes of the character of those indicated in Mr. Burgitt's communication. Some arrangement will have to be effected with the owner of convenient lands to obtain a sufficient amount of earth to construct such dikes.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

August 9, 1905.

HON. G. S. GILBERTSON,

Treasurer of State.

LOAN AND TRUST COMPANIES—GENERAL STATUTORY REGULATIONS GOVERNING SAME—POWERS AND PRIVILEGES OF.

SIR—I am in receipt of your favor of the 24th ultimo, in which you ask my opinion upon the following questions:

1. Must loan and trust companies incorporate under the laws of this state?

2. In what may loan and trust companies of this state invest their funds? Are they restricted to the class of investments set out in section 1850 of the code?

3. Can loan and trust companies own and hold stocks of banks and other corporations?

4. Are loan and trust companies subject to annual examinations the same as banks?

5. Must loan and trust companies pay an annual fee to this department the same as banks, the amount of fee being determined by the amount of capital stock of the company?

6. Must loan and trust companies make quarterly reports to this department and have the same published as do banks?

7. Does the law apply alike to companies which receive deposits and those which do not? If not, wherein does it discriminate?

8. Is the liability of a stockholder in a loan and trust company the same as that of the stockholder in a bank, or is his liability determined according to chapter 1, title IX, of the code?

9. Can loan and trust companies become trustees, receivers and guardians?
and in answer thereto, I beg leave to submit the following:

These questions will be taken up and answered briefly in the order in which they are stated.

First. There is nothing in our statute which prevents a partnership or an individual from transacting the business of a loan and trust company, and such business is not confined to incorporated companies.

Second. The statute does not restrict the investment of the funds of loan and trust companies, nor does it in any manner designate the character of securities in which the funds of such companies may be invested. The provisions of section 1850 regulating the investment of the funds of savings banks, do not apply to loan and trust companies.

Third. The authorities are somewhat conflicting upon the question whether corporations of the character of loan

and trust companies can purchase, own and hold the stock of other corporations. The better rule is that such corporations cannot purchase or hold the stock of other corporations. Loan and trust companies, like banks, may take and hold the stock of other corporations as security for loans made, or may take and hold the same in payment of debts due such companies; but they cannot deal or traffic in the stock of other companies by buying and selling the same. Nor can they subscribe for the stock of other corporations.

In Cook on Corporations (4th ed.), section 64, it is said:

“It is not equally clear that one private corporation may subscribe for the stock of another corporation. On the contrary, such subscriptions are *ultra vires* and void, unless clearly within the ordinary objects and business of the subscribing corporation. A bank cannot lawfully subscribe for stock in a railroad corporation, nor can a railroad corporation subscribe for the shares of stock of another railroad corporation, unless expressly permitted by statute.”

Nassau Bank v. Jones, 95 N. Y., 115;

Maunsell v. Midland etc. Ry. Co., 1 Hem. & M., 130.

Many other instances could be given where courts have held that one corporation may not purchase and hold, or subscribe for and take, the stock of another corporation, and in almost every case where the purchase of the stock of another corporation or the subscription thereto has been held valid, there was a direct connection between the business carried on by the two corporations.

As suggested, the weight of authority and the better rule is that a loan and trust company cannot subscribe for or purchase and hold the stock of an independent corporation.

Fourth. Under the provisions of section 1889, as amended by chapter 65 of the acts of the thirtieth general assembly, loan and trust companies are subject to annual examination by the auditor of state in the same manner as banks

are examined by him. The amendment of the section referred to, by the thirtieth general assembly, places all loan and trust companies under the control and regulation of the auditor of state, and requires that all such companies now be examined in the same manner as state and savings banks.

Fifth. Chapter 64 of the acts of the thirtieth general assembly provides that banks organized under the laws of the state shall pay to the auditor of state annually before the first day of March, certain fees which are graduated according to the capital of such banks. There is no provision in the chapter referred to or elsewhere in the statute for the payment of fees to the auditor of state by loan and trust companies.

It may be fairly argued that loan and trust companies should bear their proportion of the cost of examinations and should therefore pay to the auditor of state the same fees as are required to be paid by state banks. Such argument, however, should be addressed to the legislature rather than to a department of the state, as that body has failed to provide for the payment of such fees by loan and trust companies, and it is a well settled principle of law that no person or corporation can be required to pay fees to a state officer, except where such payment is expressly provided by statute.

Section 1889, as amended by chapter 65 of the acts of the thirtieth general assembly, requires that loan and trust companies shall be examined by the auditor of state in the same manner as banks are now examined by him, and under the provisions of that section such companies are required to pay the actual expenses of the persons making such examination. The expense incurred in making an examination of banks is a burden incidental to such examination, and the statute requiring loan and trust companies to be examined in the same manner as banks, carries with it and imposes upon such companies

the incidental burden of the expenses incurred in the examination, in the same manner as such burden is imposed upon banks.

Sixth. There is no provision of the statute requiring loan and trust companies to make quarterly reports to the auditor of state. In the absence of such provision, they cannot be required to do so.

Seventh. The law relating to the examination of loan and trust companies, to the amount of capital which they are required to have, and to the examination thereof by the auditor of state, applies alike to all such companies, and is not limited to those which receive deposits.

Eighth. Section 1889, as amended by chapter 65 of the acts of the thirtieth general assembly, makes each stockholder of a loan and trust company individually liable to the creditors of such company over and above the amount of stock held by him therein, and any amount paid thereon, to an amount equal to the face value of the shares held by him in such loan and trust company; that is, each stockholder of a loan and trust company incurs under the statute the same liability upon the stock held by him as exists in the case of stockholders in savings and state banks.

Ninth. There is no statute or principle of public policy in this state which forbids a corporation acting as trustee, receiver, executor or guardian. It was formerly thought that a corporation could not act in a fiduciary capacity, and the reason given by Blackstone why a corporation aggregate could not act as executor, administrator or trustee is that it cannot take the necessary oath. It has also been suggested that a corporation cannot act as trustee for the reason that a court of equity is often called upon to enforce a trust by laying hold of the conscience of the trustee, and that inasmuch as a corporation has no conscience it is not qualified to act as trustee. The reason most commonly urged why a corporation cannot act as

trustee, executor, guardian, or in any other fiduciary capacity is that such an appointment involves a personal trust, and therefore a corporation lacks one of the essential requisites of a trustee, namely: personal confidence.

But all of these doctrines were long ago exploded, even at common law, as being too technical and artificial, and it is now well settled by the modern authorities that a corporation may act as guardian, executor, trustee, receiver, or in any other fiduciary capacity, if such power is given by its charter or articles of incorporation.

It has never been held by any court that such power on the part of a corporation is forbidden or against the policy of the common law, and the weight of authority is in favor of such ability.

Williams on Executors, 198;

Vidall v. Girard's Executors, 2 How., 187;

2d Kent's Commentaries, 279;

Angell & Ames on Corporations, 168;

Perry on Trusts, 42;

Minn. Loan & Trust Co. v. Beebe, 40 Minn., 9;

Fidelity Insurance. etc., Co. v. Niren, 5 Houst., 416.

Chapter 65 of the acts of the thirtieth general assembly provides:

"All such companies and corporations now existing or hereafter organized under the provisions of chapter 1, title IX of the code, whose articles of incorporation authorize the acceptance and execution of trusts, and all corporations in whose name the word 'trust' is incorporated and forms a part, shall have a full paid capital," etc.

The common law power of corporations to act in a fiduciary capacity is clearly recognized by the legislature in the enactment of this statute, and under its provisions and the common law rule governing corporations of the

character of loan and trust companies, there is no doubt as to their right to be appointed and to act as trustees, executors, administrators, guardians and receivers.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

September 6, 1905.

HON. B. F. CARROLL,
Auditor of State.

VACANCY IN OFFICE—REMOVAL OF A MEMBER OF THE STATE LEGISLATURE TO ANOTHER DISTRICT—If a member of the general assembly removes from the district from which he was elected, and ceases to be a resident thereof, such removal creates a vacancy in that office. The governor is required to call a special election to fill such vacancy.

SIR—In compliance with your verbal request for my views as to whether (1) the removal of a representative elected to the state legislature from the district in which he was elected, creates a vacancy in such district which should be filled by a special election, and (2), if such removal creates a vacancy, when does it become the duty of the governor to call a special election for the purpose of filling such vacancy, I beg leave to submit the following:

Subdivision 3 of section 1266 of the code declares that if the incumbent ceases to be a resident of the district for which he was elected, it creates a vacancy in the office. This subdivision clearly applies to persons elected to the legislature, and if a member so elected removes from the district for which he was elected and ceases to be a resident thereof, such removal creates a vacancy in the office of representative for that district.

Section 1269 of the code provides:

“When a vacancy shall occur in the office of senator or representative in the general assembly, except by resignation, the auditor of the county of his residence shall notify the governor of such fact and the cause.”

The notice required by section 1269 to be given to the governor by the auditor of the county in which the representative resided, that a vacancy exists in the office of representative for that district because of the removal of the incumbent from the district in which he was elected, is an official notification to the governor of the existence of such vacancy; and in the absence of fraud or mistake the governor is required, by the provisions of section 1279 of the code, to call a special election of the voters of the district where the vacancy exists for the purpose of filling the same, if the legislature will convene prior to the next general election.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

September 11, 1905.

HON. ALBERT B. CUMMINS,

Governor of Iowa.

**BIENNIAL ELECTION AMENDMENT—VACANCY IN OFFICE IN
THE STATE LEGISLATURE—HOW FILLED—THE AMEND-
MENT CONSTRUED.**

SIR—In compliance with your request for my opinion whether the call for a special election to fill a vacancy existing in a representative district should also include the election of a member of the general assembly from each county in the district, (if composed of more than one county), under the amendment to the constitution adopted at the last general election, which provides that each county shall constitute one representative district and be entitled to one representative, I submit the following:

By the provisions of the amendment to the constitution, known as the biennial election amendments, adopted at the last general election, the terms of office of the members of the general assembly, whose successors would otherwise be chosen at the general election in the year 1905, are extended one year and until their successors are elected and qualified.

The same amendment provides that the general assembly shall meet in regular session on the second Monday in January in the year 1906, and that no general election shall be held in the year 1905.

Under this amendment the general assembly which will convene in the year 1906 will be composed of the same members as the general assembly which convened in 1904.

If, for any reason, a vacancy occurs in the office of a member of the general assembly before the meeting of that body in 1906, it is undoubtedly the duty of the governor, upon receiving notice of the existence of such vacancy, to call a special election to fill the same. Such special election must, in my opinion, be called for the purpose of filling an existing vacancy, and not for the purpose of electing a new member to the general assembly, under the provisions of the amendment to the constitution known as Joint Resolution No. 2. That amendment to the constitution, among other things, provides:

“The general assembly shall, at the first regular session held following the adoption of this amendment, and at each succeeding regular session held next after the taking of such census, fix the ratio of representation and apportion the additional representatives as hereinbefore required.”

This provision clearly indicates that it was not the intention of the framers of the amendment, or of the legislature which adopted it, that it should become operative until after the first regular session of the general assembly following its adoption.

The general assembly which will convene on the second Monday of January in 1906 will be the first regular session of that body following the adoption of the amendment referred to. That legislature must, under the provisions of the amendment, fix the ratio of representation and apportion the additional representatives required by the amendment so as to make the entire number of representatives one hundred and eight.

Construing the provisions of these amendments to the constitution together, it is clear that, in calling a special election to fill a vacancy existing in a representative district prior to the meeting of the general assembly in 1906, such call should be for the purpose of filling the vacancy only, and should not include the election of a new member to the general assembly.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

September 28, 1905.

HON. ALBERT B. CUMMINS,
Governor of Iowa.

LAKE BEDS—MEANDER LINES—It is held that in the survey of a lake, if the meander lines define the ordinary high-water mark of the lake, such lines are the boundary lines of the riparian owners.

Des Moines, September 29, 1905.

HON. A. H. DAVISON,
Secretary Executive Council.

DEAR SIR—Your letter of August 7th, transmitting the letter of Mr. Louis E. Ashbaugh and plats of his survey of Sand Hill Lake, was received sometime ago. In compliance with your request for my opinion whether the executive council has authority to sell the land which lies between the original meander lines of the government survey and the meander lines of the survey made by Mr. Ashbaugh, I submit the following:

The rule is well settled in this state that the land of a riparian owner extends to the ordinary high-water mark of the lake or stream along which the land of such owner lies.

It is equally well settled that meander lines are not boundary lines, and that if such lines do not correspond with the ordinary high-water mark of the stream or lake along which such lines are surveyed, the land of the riparian owner may extend beyond such lines and to the ordinary high-water mark.

If the meander lines of Sand Hill Lake, as surveyed by Mr. Ashbaugh, define the ordinary high-water mark of the lake, as indicated by its bed and shores, such lines are the boundary lines of the riparian owners. The ownership of the state and its right to sell are limited to the bed of the lake lying within the ordinary high-water mark; and if the meander lines surveyed by Mr. Ashbaugh correctly define such mark, the rights of the state are limited to the land lying within such lines.

I am,

Yours very truly,

CHAS. W. MULLAN,

Attorney-General of Iowa.

**TAXATION—SCHOOL HOUSE TAX—DUTY OF THE BOARD OF
DIRECTORS—APPORTIONMENT AMONG THE SEVERAL
SUBDISTRICTS.**

Des Moines, September 29, 1905.

HON. JOHN F. RIGGS,

Superintendent of Public Instruction.

DEAR SIR—I am in receipt of your favor of the 16th instant, which is as follows:

“We respectfully request your opinion on the following:

1. Under the provision of paragraph 7, section 2749, (a) Is it necessary that a specific amount or number of mills be voted? (b) If not, how is a proposition that does not designate the amount so voted

to be construed? (c) Who determines the amount in such case? (d) When the electors vote school building bonds as provided in section 2812, does that imply the voting of a schoolhouse tax, no separate proposition to that effect having been submitted?

2. Section 2806 provides that the board shall apportion any school tax voted by the annual meeting for schoolhouse fund among the several sub-districts. (a) Does this authorize the board to certify a larger part of such tax against one sub-district than against another? (b) Does this provision also authorize the board when acting under section 2813 to certify more against one district than against another? (c) If so, can it certify more than five mills against a subdistrict, even though the average for the corporation be not more than five mills?"

I will briefly answer these questions in the order in which they are stated in the letter.

First. A tax voted by the electors of a school district for schoolhouse purposes should designate the number of mills on the dollar of the assessed value of the property of the district.

Second. It is not possible for me to say how a proposition which does not designate the amount voted at the annual meeting of the electors of a school district for schoolhouse purposes, is to be construed, unless I am informed as to all of the facts connected with the voting of such tax.

Third. Nor is it possible for me to say who determines the amount in such case, unless I am advised as to the facts involved.

Fourth. A vote of the electors of the school district, authorizing the board to issue bonds for schoolhouse purposes, under the provisions of section 2812, will authorize the board, under the provisions of section 2813, to certify to the board of supervisors of the county a tax sufficient to meet the interest and principal of such bonds, not exceeding five mills upon the dollar of the assessed valuation of the property of the district.

Fifth. Section 2806 provides that the tax which is voted at the annual meeting of the electors of the school district for schoolhouse purposes shall be apportioned among the several subdistricts in such a manner as justice and equity may require, taking as the basis of such apportionment the respective amounts previously levied upon the subdistricts for the use of the schoolhouse fund. This provision clearly authorizes the board to certify a larger portion of the schoolhouse tax against one subdistrict than is certified against another where such a discrimination is required to equalize the amount of such tax paid by the subdistricts.

Sixth. I find no provision of statute limiting the tax which may be apportioned and certified by the board under the provisions of section 2806 to five mills on the dollar. Subdivision 7 of section 2749 authorizes the electors of the district to vote a tax for schoolhouse purposes not exceeding ten mills on the dollar, and the tax so voted may be apportioned among the subdistricts as provided by section 2806, but in no case should the amount apportioned to any subdistrict exceed the limit fixed by subdivision 7 of section 2749.

I am,

Yours very truly,
CHAS. W. MULLAN,
Attorney-General of Iowa.

STATE MILITIA—LEGISLATIVE CONTROL.

SIR—In compliance with your request of the 29th instant for my opinion whether it would be lawful to change section 2180 of the code so as to provide for the election of field officers of the Iowa National Guard by the line officers of a regiment, I submit the following:

The legislature of the state undoubtedly has full power to make such change, if it is deemed wise to do so, as the legislative power of that body is omnipotent within the constitutional limitations.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

September 29, 1905.

HON. W. H. THRIFT,
Adjutant General of Iowa.

BUILDING AND LOAN ASSOCIATIONS—VOLUNTARY LIQUIDATION OF—When a building and loan association voluntarily elects to wind up its affairs, the provisions of chapter 69, acts of the twenty-ninth general assembly apply, and it is limited in expense to the amounts provided for therein.

SIR—In response to your request of the 21st ultimo for my opinion whether a building and loan association which has voted to go into voluntary liquidation, is limited in expenses to the amounts provided for in section 2 of chapter 69 of the acts of the twenty-eighth general assembly, I submit the following:

Section 2 of chapter 69 of the acts of the twenty-eighth general assembly, among other things, provides:

“All expenditures and expenses for management and conducting the affairs of said association, not including membership fees and charges for closing loans, shall be paid from the receipts of interest, premiums and other sources of profit. Said associations may thus use for expenses in any one year a sum not in excess of the following percentages on their assets, as shown by the last actual report, to-wit:” (Then follows a scale of expenses allowed, graduated upon the assets of the association).

The provision of the section quoted is broad in its terms, and includes all expenses for the management and conducting the affairs of the association. When such an association voluntarily elects to go into liquidation and wind up its affairs, the closing of its business is a part of the management of its affairs.

The provisions of the statute, in my opinion, apply equally to an association which is winding up its affairs by voluntary liquidation as to one which is conducting its business in the ordinary manner. In either case the legislature has limited the expenses which can be lawfully incurred by the association in the management of its affairs.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

October 4, 1905.

HON. B. F. CARROLL,
Auditor of State.

COAL MINE—DEFINITION UNDER THE IOWA LAW—All coal mines which are worked within the boundaries of the state of Iowa are within its jurisdiction and subject to its laws, regardless of the fact that the shaft and openings of the mine are in another state.

Des Moines, October 11, 1905.

MR. JOHN VERNER,
Chariton, Iowa.

DEAR SIR—In response to your request for my opinion upon the questions:

1. What is the definition of the term "coal mine", as the term appears in the Iowa laws?
2. Does the location of the mine openings determine the responsibility of the state, in which said openings are located, to care for the safety and health of the persons employed in the mine, and does such location establish jurisdiction of the state over all the underground workings of the mine, irrespective of state boundary lines?

3. Assuming that the location of the mine openings determines responsibility and confers jurisdiction over all the mine workings, how will that affect the rights of Iowa and its citizens as set forth in section 2485 of the code?

4. If the location of the mine openings does not determine responsibility for and jurisdiction over the mine workings extending into Iowa, how is the state mine inspector of Iowa to acquire jurisdiction over such workings, how is such jurisdiction to be exercised, and what is its extent?

5. In the absence of laws on the subject, would it be advisable that the mine inspectors of Missouri and Iowa assume joint jurisdiction in a case like the above?

6. In case a person, employed in the mine workings extending into Iowa, is killed in that part of the mine, should the coroner of Appanoose county, Iowa, or the coroner of Putnam county, Missouri, hold the inquest?

I submit the following:

First. While the word "coal mine", as used in the statutes of the state, may properly be held to include shafts, adits, drifts and other excavations penetrating the earth, yet any excavation, adit, drift or inclined plane used for the purpose of taking coal from the earth, and any stratum of coal which has been reached by excavations, and from which coal is being mined, would properly fall within the meaning of the word. The fact that the shaft by which a coal mine is entered is in another state, would not make a portion of the mine which was being worked and from which coal is taken in this state, any less a coal mine within the meaning of the word as used by the legislature of this state.

In the case under consideration, the part of the mine of the Coke & Coal Company of Connellsville, Missouri, known as Mine No. 10, which extends beyond the Missouri line and into the state of Iowa, is a coal mine in this state.

Second. Questions 2, 3 and 4 may be very properly considered together.

All coal mines which are worked within the boundaries of the state of Iowa are within its jurisdiction and subject to its laws. The fact that the shaft and openings of the mine are in another state do not take away from the jurisdiction of Iowa the control of any portion of such mine which is within the state boundary. The jurisdiction of the state is co-extensive with its boundaries, and the fact that its territory is entered through a mine adit or gallery beneath the surface of the soil does not affect such jurisdiction.

It is the duty of the mine inspectors of the state of Iowa to see that the mining laws are enforced in all mines operated within the territorial jurisdiction of the state, and the fact that the mine is entered and the coal removed therefrom through a shaft located beyond the boundary line of the state, does not relieve them of the duty of enforcing the Iowa laws. They should, so far as possible, co-operate with the mine inspectors of Missouri in the case under consideration, make an examination of that portion of the mine within the state of Iowa, and see that the Iowa laws are enforced in relation thereto.

Third. The jurisdiction of the state of Iowa extends to the center of the earth. It therefore follows that any one who is killed in that part of the mine which lies within the territorial boundaries of the state, is killed within the state of Iowa, and the coroner of the county in which such mine exists has jurisdiction over all matters pertaining to an inquiry as to the manner by which such person came to his death. The inquest for the purpose of prosecuting such inquiry should be held by the coroner of the county in which the mine exists, and in the case under consideration by the coroner of Appanoose county in the state of Iowa.

I am,

Yours very truly,

CHAS. W. MULLAN,

Attorney-General of Iowa.

MEANDER LAKES—Riparian owners own the land to the ordinary high water mark, and in the survey of such lakes by the state, the meander lines should conform to the ordinary high water mark.

Des Moines, October 12, 1905.

HON. A. H. DAVISON,

Secretary Executive Council.

DEAR SIR—I am in receipt of your letter of the 7th instant enclosing a letter of Mr. Louis E. Ashbaugh, asking that my opinion relating to the boundary lines of the lands of riparian owners upon the inland meandered lakes of the state be enlarged so as to more completely cover the questions submitted. In answer to your request I will say that I think my opinion fully covers all of the questions submitted to me.

I may, however, enlarge the same by saying that the state has no title to any lands outside of the meander lines surveyed by the engineer under the act of the thirtieth general assembly relating to the survey and sale of meandered lake beds, if such lines follow the ordinary high-water mark of the lake as indicated by its shores and bed.

The riparian owners own the land to the ordinary high-water mark; the state owns the land lying within such high-water mark; and the engineer who is commissioned by the state to make a survey of a lake bed under the provisions of the statute, should conform his meander lines to the ordinary high-water mark of the lake.

The meander lines of the government survey do not control as to the boundaries of the lands of the riparian owners or those of the lands owned by the state, except where such meander lines define and extend along the ordinary high-water mark of the lake.

I am,

Yours very respectfully,

CHAS. W. MULLAN,

Attorney-General of Iowa.

SURETY COMPANIES—VALIDITY OF BONDS EXECUTED BY CORPORATION ORGANIZED IN ANOTHER STATE—The clerk of the district court is required to approve and accept a bond which has been duly executed by a foreign surety company authorized to do business in this state.

SIR—I am in receipt of your favor of the 14th instant, in which you request my opinion upon the following questions:

1. Are the provisions of section 360 of the code, so far as the same relate to the duty of any officer or body having the approval of bonds, mandatory? In other words, if a person presents to the clerk of the district court of the county a bond duly executed by a corporation organized under the laws of another state and engaged in the business of becoming surety upon bonds, which has complied with the laws of this state, and is duly authorized to transact the business of fidelity and surety insurance therein, and that fact has been duly certified to such clerk, in the manner provided by law, is such clerk legally authorized or justified in refusing to approve such bond?

2. Is the fact that a surety company organized under the laws of another state is not required to maintain a deposit of securities with any officer of this state or have and hold property in this state subject to execution a legal ground for refusing the approval of a bond executed by such corporation?

3. Does the same rule apply to all kinds of bonds requiring the approval of the clerk of the district court? In other words, might the clerk of the district court refuse to approve bonds of administrators, guardians or trustees executed by bonding or surety companies, and still be required to approve other forms of bonds signed by such companies?

These questions will be answered in the order stated.

First—The provisions of section 360 of the code, which relate to the acceptance and approval of a bond signed by a guarantee company authorized to transact business in the state as surety, are, in my opinion, mandatory. Under the provisions of that section it is the duty of the person, officer or body who is required to approve the sufficiency of a bond, to accept and approve a bond in a sufficient amount, which is properly executed, whenever its conditions are guaranteed by a company or corporation duly organized and incorporated under the laws of this state, or authorized to do business therein, and to guarantee the fidelity of persons holding positions of public or private trust, which shall have the certificate of the auditor of state authorizing it to do business in this state as provided in chapter 4 of title IX of the code, if the amount of such bond is not in excess of ten per cent of the paid up cash capital of such company or corporation.

If a bond is presented to the clerk of the district court in any matter wherein he is required to approve and accept a bond, which has been duly executed and guaranteed by a surety company authorized to do business in the state, he cannot, in my opinion, legally refuse to approve and accept such bond because a guarantee company, and not an individual, has signed it as surety.

Second—Our statute has provided that a surety company organized under the laws of another state, must comply with the provisions of chapter 4 of title IX of the code, before it is entitled to transact business in this state. It is not required to maintain a deposit of securities with any officer in this state, or to have property in the state subject to execution on legal process.

If the conditions of chapter 4 of title IX have been fully complied with by a surety company organized under the laws of another state, it is the duty of the auditor of state to issue to such company a permit to transact business in the state; and when so authorized by the auditor of state, no other conditions are required.

Third—The same rule, in my opinion, applies to the bonds of administrators, executors, guardians or trustees, and a clerk of the district court, under the present statute, cannot refuse to approve and accept a bond guaranteed by a surety company, when presented by an administrator, guardian or trustee, on the ground that the surety thereon is a guarantee company and has no property in this state liable to execution.

Section 358 of the code, which provides that the surety in every bond provided for or authorized by law, must be a resident of this state and worth double the sum to be secured, beyond the amount of his debts, and have property liable to execution in this state equal to the sum to be secured, except as otherwise provided by law, does not apply to bonds upon which guarantee companies are sureties, as section 360 specifically provides that foreign surety companies which have complied with the provisions of the statute may become sureties on bonds authorized or required by law in this state. It also further provides that it is the duty of the officer or body who is required to approve the sufficiency of any such bond, to accept and approve the same whenever its conditions are guaranteed by a surety company authorized to do business in this state.

This section is a special provision of the statute relating to bonds of surety companies, and is not controlled or modified by the provisions of section 358.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

October 18, 1905.

HON. B. F. CARROLL,
Auditor of State.

**LOAN AND TRUST COMPANIES—RIGHT TO ACQUIRE AND HOLD
STOCK OF OTHER CORPORATIONS—GENERAL LAW APPLIC-
ABLE THERETO.**

SIR—In answer to your verbal request for an enlargement of my opinion given on the 6th of September last, in relation to the power of loan and trust companies to acquire and hold, either by subscription or purchase, the stock of other corporations, I submit the following:

First. As to the right of a corporation to subscribe to the stock of another corporation.

The general rule is laid down in Thompson on Corporations, as follows:

“It may perhaps be laid down as a general rule that a corporation, unless expressly empowered to do so by its governing statute, cannot subscribe for shares of stock in another corporation.”

Thompson on Corporations, Vol. 1, sec. 1102.

The rule is stated by Morawetz on Private Corporations in the following words:

“A corporation cannot, in the absence of express statutory authority, become an incorporator by subscribing for shares in a new corporation; nor can it do this indirectly through persons acting as its agents or tools. The right of forming a corporation is conferred by the incorporation laws only upon persons acting individually, and not upon associations; moreover, it would, under ordinary circumstances, be in violation of the charter of an existing company to subscribe for shares in a new company, and assume the resulting liabilities.”

Section 434.

The doctrine announced by Morawetz has been affirmed in many adjudicated cases.

In *Knowles v. Sandercock*, 107 Cal., 642, the section referred to is quoted with approval, and in the same case it is further said in a quotation from Spelling on Corporations:

“A private corporation has no implied authority to invest in shares of another private corporation. If this were so, it might, by an easy process, transfer its resources to another.”

A large number of cases are cited in support of the text taken from Spelling.

In *Peshtigo Co. v. Great Western Telegraph Co.*, 50 Ill. App., 624, it is said:

“The appellant is a corporation under a Wisconsin charter to conduct a lumber business. We need not go into particulars as to its character further than to say there is in it nothing having the remotest allusion to doing a telegraph business, or buying or subscribing to shares in a telegraph company. Unless *ultra vires* has ceased to be a defense under any and all circumstances, it is a good defense here for the Peshtigo Company, sued upon an assessment upon shares subscribed for by it.”

So, in *Cent. R. R. Co. of N. J. v. Pa. R. R. Co.*, 31 N. J. Eq., 475, it was held that a corporation cannot in its own name subscribe for stock or be a corporator under the general railroad law; nor can it do so by a simulated compliance with the provisions of the law through its agents as pretended corporators and subscribers of stock.

In *Denny Hotel Co. v. Schram*, 6 Wash., 136, the principle announced by Morawetz is quoted with approval, and it is there said:

“A corporation can only be formed in the manner provided by law, and has only such powers as the law specifically confers upon it. We do not think that a corporation was within the contemplation of the legislature when they used the expression ‘two or more persons’ in section 1498, Gen. Stat. It is true that section 1709, Code Proc., provides that the term ‘person’ may be construed to include the United States, this state, or any state or territory, or any public or private corporation, as well as an individual. But it does not follow, by any means, that the term ‘person’ is always to be construed as a private corporation, any more than it is always to be construed as the United States.”

In *Railway Co. v. Iron Co.*, 46 Ohio St., 49, it is said:

"We think it well settled as a result of the decisions of this state, as well as elsewhere, that an incorporated company cannot, unless authorized by statute, make a valid subscription to the capital stock of another; that such subscription is *ultra vires* and void. Mr. Morawetz, in stating this to be the law, observes: 'The right of forming a corporation is conferred by the incorporation laws only upon persons acting individually, and not upon associations; moreover, it would under ordinary circumstances, be a violation of the charter of an existing company to subscribe for shares in a new company and assume the resulting liabilities.' "

Numerous cases are cited in support of the principle announced, and in reference to such cases it is further said by the Ohio court:

"These cases all proceed upon the principle that the powers of corporations organized under legislative statutes are such, and such only, as those statutes confer, or that may be fairly implied therefrom."

The same principle is announced in the following cases:

Commercial Fire Insurance Co. v. Board of Revenue, 99 Ala., 10;

Mutual Savings Bank, etc., Association v. Meridan Agency Co., 24 Conn., 164;

N. O. Fla., etc. Steamship Co. v. Ocean Dry Dock Co., 28 La. Ann., 174.

Second. It is also settled by numerous decisions that a corporation may not purchase and hold the stock of another corporation, except under certain peculiar conditions which are an exception to the general rule.

In Thompson on Corporations, sec. 5719, it is said:

"One corporation cannot, unless authorized thereby by its governing statute, make a valid subscription to the stock of another corporation, or otherwise become a stockholder, unless for the purpose of receiving payment of or security for a debt owing to it; and even then it seems that, while it may receive

dividends, it will not be allowed to exercise the power of controlling the corporation whose shares it has acquired, by voting them as a stockholder, but that its attempt so to vote may be enjoined by the other stockholders. Moreover, if a corporation purchases the shares of stock of another corporation on a credit, and gives its promissory note therefor, it will not be allowed to defend an action upon the note on the ground that it had no power so to acquire the shares, on principles elsewhere considered. And the holder of such a judgment, when recovered, has the same remedy against the stockholders of the corporation thus unlawfully purchasing the shares of another corporation, which he would have on any other valid judgment. Such purchases are the subject of special disfavor where one corporation purchases the shares of another corporation engaged in a similar business, for the express purpose of absorbing and controlling it, with a view of defeating competition; and the more so where the purchasing corporation is a foreign, and the absorbed corporation a domestic one. The reasons which operate to exclude an implied power in one corporation to become the owner of shares in another, are stronger in the case of an unlimited company, or in the case where the shares are not fully paid up; since in either case, if the company whose shares are thus purchased becomes insolvent, the company which becomes a shareholder therein will be liable to be put on the list of its contributories, as it is called in England,—that is to say, in the case of an unlimited company where the shares are not paid up, to contribute its ratable share; or in the case of a limited company, where the shares are not paid up, to contribute its ratable share to the extent of their par value, toward liquidating the debts of the company. This, it has been clearly and strongly pointed out, has the effect of making one company a partner in another company. It is too plain for argument that unless an express power to that end has been conferred, the directors of one corporation or company cannot involve their shareholders, or the trust funds in their hands, in the liability created

by entering into a partnership with another corporation or company. Moreover, persons who deal with corporations on the faith of the individual liability of their stockholders, have the right to proceed on the assumption that those stockholders are at least natural persons, and not mere hollow shells, made up in the same way as the corporation with which they are dealing,—mere partnerships, it may be, composed of insolvent corporations. It is scarcely necessary to add that the legislature may authorize one corporation to subscribe to the capital stock of another, and that such a statute is not unconstitutional.”

Again it is said by Mr. Thompson in his work on Corporations, section 8353:

“The general rule is that one corporation cannot, for the purpose of controlling or managing the business of another corporation, or of participating in the control or management thereof, become a stockholder in such other corporation, without the consent of the state expressed in its constitution or in its legislature. The view has been recently taken that an attempted subscription or contract of subscription by one corporation for shares in another, without statutory authority, is not voidable merely, but utterly void. A purchase of shares of a domestic corporation by a foreign corporation engaged in a similar business for the express purpose of controlling and managing the domestic corporation, is *ultra vires* and void. So, a solvent corporation conducting a prosperous business cannot, in the absence of any exigency, sell its whole assets, taking in part payment the stock of a new corporation organized to carry on the business. An incorporated insurance company cannot invest its capital in the capital stock of a proposed corporation, under a statute authorizing such companies to invest their money in ‘stock or choses in action, and to sell the same’. A corporation organized to acquire and improve lands, and to acquire and exercise street railroad, telegraph, lighting and similar franchises over the property, and to maintain every right, privilege and interest in and over the property that a private owner could, has no power to subscribe for shares in another

corporation organized to manufacture woodwork. A purchase by one railroad company, of stock in another, is not within charter authority to subscribe to stock in the other company and hold shares therein. Shares of a savings bank, not taken as security, or acquired in the course of the business of banking, cannot be held at a national bank. In California, corporations are forbidden to engage in any business not authorized by their charters or by the laws under which they are organized. It follows that a corporation organized for the purpose of manufacturing, buying or selling furniture and upholstery, cannot hold stock in a hotel corporation, and that its subscription to such stock is *ultra vires* and void, and cannot be enforced while it remains executory. The subscribing corporation cannot, therefore, be charged with liability to the creditors of the hotel corporation. A corporation whose charter contains no provision allowing it to subscribe for shares in another company is not liable for an assessment upon shares subscribed for by it, although the assessment is made upon all stockholders as a class, for the reason that it is not a stockholder."

The reason for the rule is clearly stated by Mr. Thompson in section 1103 of his work on Corporations, as follows:

"The reason of the rule is that if a corporation could, by buying up the majority of the stock of another corporation, be admitted to vote as a shareholder in the meetings of such other corporation, the purchasing corporation could take the entire management of the business of the latter, however foreign such business might be to that which the purchasing corporation was created to carry on. A banking corporation could thus become the operator of a railroad or of a manufacturing business, and any other corporation could engage in banking by obtaining the control of the stock of an incorporated bank. 'Nor would this result follow any the less certainly, if the shares of stock were received in pledge only to secure the payment of a debt, provided the shares were transferred on the books of the company to the name of the pledgee'. The reason of the rule was

well stated by Mr. Justice Walton: 'If a corporation can purchase any portion of the capital stock of another corporation, it can purchase the whole, and invest all its funds in that way, and thus be enabled to engage exclusively in a business entirely foreign to the purposes for which it was created. A banking corporation could become a manufacturing corporation, and a manufacturing company could become a banking corporation. This the law will not allow'."

The principle laid down by Mr. Thompson is recognized and followed in the following cases:

Easun v. Buckeye Brewing Co., 51 Fed., 156;

The People, ex rel., v. Chi. Gas Trust Co., 130 Ill. 284;

Franklin Co. v. Lewiston Saving Bank, 68 Me., 46;

Franklin Bank v. Commercial Bank, 36 Ohio St. 354;

Marble Co. v. Harvey, 92 Tenn., 118.

In *Franklin Bank v. Commercial Bank*, *supra*, it is said:

"There would seem to be little doubt, either upon principle or authority, and independently of express statutory prohibition of the same, that one corporation cannot become the owner of any portion of the capital stock of another corporation, unless authority to become such is clearly conferred by statute."

In *People v. Chicago Gas Trust Co.*, *supra*, it is said:

"Boone on the Law of Corporations says: 'Without a power specifically granted, or necessarily implied, a corporation cannot become a stockholder in another corporation, and especially where the object is to obtain the control or affect the management of the latter'. In Green's Brice's *Ultra Vires* (p. 91. note b) it is said: 'In the United States a corporation cannot become a stockholder in another corporation unless by power specifically granted by its charter, or necessarily implied in it'. So, also, Morawetz on *Private Corporations* (Secs. 431, 433) says: 'A corporation has no implied right to purchase shares in another company for the purpose of controlling its management. * * * A corporation cannot, in the

absence of express statutory authority, become an incorporator by subscribing for shares in a new corporation, nor can it do this indirectly through persons acting as its agents or tools'. The authorities referred to by these text writers sustain the conclusions announced by them. It has been held in many cases, that, 'in the United States, corporations cannot purchase, or hold, or deal in the stocks of other corporations, unless expressly authorized to do so by law', and that 'one corporation cannot become the owner of any portion of the capital stock of another corporation, unless authority to become such is clearly conferred by statute'."

It has been suggested that the Iowa court has held a doctrine contrary to that announced by the foregoing authorities, and a hasty reading of the Iowa cases might lead to that conclusion.

In *Iowa Lumber Co. v. Foster, et al*, 49 Iowa, 25, the question arose as to the right of a corporation to repurchase its own stock, which was sold under an agreement that it would be repurchased by the corporation under certain conditions. The question seems to have been decided upon the authority of a note of the American editor of Green's Brice's *ultra vires*, in which it is said:

"American authorities hold there is at common law nothing to prevent a corporation from taking its own stock in payment or satisfaction of debts, and some even hold that at common law a corporation may purchase its own stock, provided the transaction is *bona fide* and not in fraud of creditors."

In the case which the court then had under consideration, the promise of the corporation to repurchase the stock of the person to whom it was sold, if certain conditions existed, was established, and in determining the case it is said by Mr. Justice Seevers:

"That is to say, the contract was made in good faith, but the power to do so did not exist. This objection cannot be permitted to prevail. After assuming the powers above specified, it does not lie in the mouths of these corporators to raise or insist upon this objection."

The decision reached in this case is, therefore, clearly an exception to the general rule.

In the case of *Calumet Paper Co. v. Investment Co.*, 96 Iowa, 147, the defendant received certain stock of the Olson-Welch Printing Company as collateral security for a debt owing by that company to the defendant, and it was held that the defendant company had the power to take and hold such stock for that purpose.

In *Latimer & Inglis v. Citizens State Bank, et al*, 102 Iowa, 162, it was held that a state bank had power to receive the certificates of stock of a corporation as collateral security for a debt, and that as holder of such stock it was liable to assessments for the unpaid portion of the face value thereof. In that case the state bank received fifty shares of the stock of the Brule County Bank as collateral security for a debt owing to the Citizens State Bank. But fifty per cent of the face value of these shares had been paid. The bank surrendered the certificates which were originally pledged with it, caused a transfer thereof to be made upon the books of the Brule County Bank; and new certificates issued to the State Bank in lieu thereof. Under these circumstances it was held by the Iowa Court that the state bank was liable for the unpaid portion of the face value of the stock so held by it.

In *Rollins v. Shaver Wagon Co.*, 80 Iowa, 380, a transaction whereby the defendant received a number of shares of its own stock in exchange for certain coal bonds, was held to be valid, and that the defendant corporation had the power to acquire its own stock by such exchange. The power of corporations to purchase stock of other corporations is not discussed or passed upon, and the decision is based upon the authority of *Iowa Lumber Co. v. Foster*, *supra*.

In *West v. Averill Grocery Co.*, 109 Iowa, 488, 492, a contract, whereby the Averill Grocery Company agreed to repurchase of West shares of stock sold by the corporation to

him, was held, under the circumstances of that case, to be a valid and enforceable contract. The question of the power of a corporation to acquire the stock of another corporation by purchase, was not involved in the case.

In the recent case of *Traer v. Prospecting Co.*, 124 Iowa, 107, it was held that the Prospecting Company had power to sell its entire property and purchase the stock of the Inland Coal Company. The transaction appears to have been a consolidation of two corporations prosecuting the same character of business, namely, that of coal mining, and under the facts as developed in the case, the court held that it was competent for the Prospecting Company to dispose of its property to the Coal Company, and receive in return therefor the stock of the latter named company.

While the Iowa court has gone as far, perhaps, as that of any other state toward holding that one corporation may acquire and hold the stock of another, these cases cannot be construed as announcing an entirely different rule in this state than that established by the great weight of authorities throughout the country. The facts involved in the Iowa cases are exceptional, and they must be held to state the exception to the general rule, rather than the rule itself. They certainly do not establish the doctrine that a bank or a loan and trust company may engage in the business of buying, selling, owning or holding the stocks of other corporations.

While, as said in my former opinion, banks, loan and trust companies and other corporations may receive corporate stocks as collateral security for a debt created at the time of the receipt thereof, or for an antecedent debt, and may in that manner become the owners thereof, yet it is against the general public policy to permit one corporation to purchase the stock of another, and to own and control its business.

Under the authorities cited, I find no occasion to change the conclusion which I reached in my former opinion.

Third. In the fifth division of my former opinion I stated that banks were required to pay the actual expenses of the persons making an examination, and that the expenses so incurred were incidental to such examination; that the statute requiring loan and trust companies to be examined in the same manner as banks, carries with it and imposes upon such companies the incidental burden of the expenses incurred in the examination.

In making this statement I overlooked the fact that the provisions of section 1876 of the code, requiring the payment of such expenses, were repealed by chapter 64 of the acts of the thirtieth general assembly.

The statute as it now exists requires loan and trust companies to be examined by the auditor in the same manner as he is required to make an examination of banks, but makes no provision for the expenses of such examination, and such companies cannot, under the existing statute, be required to pay such expenses.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

November, 2, 1905.

HON. B. F. CARROLL,
Auditor of State.

INSANE—PAYMENT OF EXPENSE FOR CARE AND COMMITMENT OF AN INSANE PATIENT WHO HAS NO LEGAL SETTLEMENT IN THIS STATE—A county is not entitled to be reimbursed by the state for expenses incurred in the care and treatment of an insane person having no legal residence in the state before proceedings were commenced to have such person declared insane.

SIRS—In compliance with your request for my opinion as to the liability of the state upon the items of expense incurred by Ringgold county for medical attendance and other care of Joseph Kosnor, who is now an insane patient in the Clarinda hospital, I submit the following:

Section 1 of chapter 78 of the acts of the thirtieth general assembly, provides:

"In all cases where the commissioners of insanity of a county find to be insane a person who does not have a legal settlement within that county, the cost and expenses of the arrest, care, investigation and commitment of such person, authorized by law, including the cost of appeal, if an appeal be taken, and the person is found to be insane on appeal, shall be paid in the first instance by the county in which such person is found to be insane. * * * If such person be found to have no legal settlement within this state, such cost and expenses shall be paid out of any money in the state treasury not otherwise appropriated, on vouchers executed by the auditor of the county which has paid them, and approved by the board of control of state institutions * * *."

The expenses incurred by a county in the arrest, care, investigation and commitment of an insane person who has no legal residence in any county in the state, for which the county making such expenditure may be re-imbursed by the state, are such costs only as are legally incurred in the arrest, care, investigation and commitment of such insane person, after proceedings are instituted against him.

The language of the statute is not susceptible of a construction which authorizes the state to re-imburse a county for expenses incurred for medical or surgical treatment, or other necessary care, of a person not having a legal residence in any county in the state, before proceedings have been commenced for the purpose of having such person declared insane.

In the case under consideration all expenses which were incurred by the county of Ringgold for medical or surgical treatment of Joseph Kosnor, and for his care prior to the time proceedings were instituted against him, are not chargeable to the state. There is no authority for the payment of such expenses from the state treasury. The county

can be re-imbursed only for expenses incurred in the care of the said Kosnor after proceedings were begun to have him declared insane, and for the cost and expenses of such proceedings.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

November 17, 1905.

TO THE HONORABLE BOARD OF CONTROL
of State Institutions.

INEBRIATES—ESCAPE OF FROM ASYLUM—If an inebriate escape from his confinement, the time during which he is at large cannot be reckoned as a part of the term of his commitment.

SIR—I am in receipt of your communication of the 31st ultimo, in which you request my opinion upon the following question:

Under chapter 93, acts of the twenty-ninth general assembly, if one committed as an inebriate to a state hospital, makes his escape therefrom, does the term for which he was committed continue to run regardless of the time he is out on escape, or could he be returned and kept for the time for which he was committed not including the time he was out on escape?

In compliance with your request I submit the following:

It is a well settled rule of law that, where one who is sentenced to serve a term of imprisonment, by his own misconduct prevents the execution of the sentence in whole or in part, the period during which he prevents the execution of such sentence, or during which he is at large by reason of escape, cannot be deducted from the term of his sentence. This doctrine is laid down in the following authorities:

Corporate Authorities v. Johnson, 121 Ala., 397;

Dolan's Case, 101 Mass., 219; .

Cleck v. Com., 21 Gratt., 777.

One who escapes from confinement during the term for which he is sentenced may be retaken, even after the time at which his term of imprisonment would have expired, had he remained in confinement, and be compelled to serve out his term, or the remainder thereof, after deducting the time he was actually confined under his sentence.

McCoy v. New Castle County, 9 Houst. (Del.), 433;

Ex parte Clifford, 29 Ind., 106;

Hollon v. Hopkins, 21 Kan., 638;

Matter of Edwards, 43 N. J. L., 555;

Ex parte Wyatt, 29 Tex. App., 398.

This rule has been universally upheld by the authorities in the United States, and must, I think, be applied to the restraint of dipsomaniacs who have been restrained of their liberty under an order of court.

If an inebriate escape from his confinement, the time during which he is at large cannot be reckoned as any part of the term of his commitment, and he may be retaken and compelled to serve the entire term fixed by the court. Any other rule would practically make a commitment of an inebriate a farce. If the period during which he is at large can be deducted from the term of his commitment, he may successfully set at defiance the power of the court by escaping from the place of his confinement and avoiding arrest until the term of his commitment shall have expired.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

November 20, 1905.

TO THE HONORABLE BOARD OF CONTROL
of State Institutions.

BIENNIAL ELECTION AMENDMENT—EXTENSION OF TERM OF OFFICE OF PUBLIC OFFICERS—SURETY BONDS—It is held that all officers whose terms are extended by the constitutional amendment, known as the Biennial Election Law, must execute and file new bonds with approved sureties for the new term so created.

SIR—I am in receipt of your communication in which you request my opinion upon the question whether the public officers in the state, whose terms of office have been extended by the amendment to the constitution commonly known as the Biennial Election Amendment, are required to furnish new bonds for the extension of the term of office made by such amendment. In response to your request I submit the following:

It is familiar law that, in cases where the term of office for which a public officer is elected or appointed is fixed by law, the liability of sureties upon his bond will be limited to the term for which he is elected or appointed, unless they expressly agree to continue liable after its expiration.

United States v. Irving, 42 U. S., 250, 259;
United States v. Kirkpatrick, 22 U. S., 9;
Savings Bank v. Hunt, 72 Mo., 597;
Wapello County v. Bingham, 10 Iowa, 39 (74 Am. Dec., 370);
Dover v. Twombly, 42 N. H., 59;
Welch v. Seymour, 28 Conn., 387;
Scott County v. Ring, 29 Minn., 398;
Tresno Enterprise Co. v. Allen, 67 Cal., 505;
Bigelow v. Bridge, 8 Mass., 274;
State Treasurer v. Mann, 34 Vt., 371 (80 Am. Dec., 688).

The weight of authority is that the liability of a surety upon an official bond, given under a statute which provides that the officer shall continue in office until his successor is

elected and qualified, continues only for a reasonable period after the expiration of the term of office, during which, with due diligence, the successor of such officer could be appointed and qualified.

Montgomery v. Hughes, 65 Ala., 201;
Hewes v. People, 18 Ill., App., 439;
Wapello County v. Bingham, 10 Iowa, 39;
State v. Powell, 40 La. Ann., 241;
Hewitt v. State, 6 Har. & J. (Md.), 95;
Chelmsford Co. v. Demorest, 7 Gray, 1;
Scott County v. Ring, 29 Minn., 398;
Rahway v. Crowell, 40 N. J. L., 207 (29 Am. Rep., 224);
Dover v. Twombly, 42 N. H., 59;
State v. Crooks, 7 Ohio (Part ii), 221;
Kings County v. Ferry, 5 Wash., 536 (34 Am. St. Rep., 880);
Omro v. Kaine, 39 Wis., 468.

In *Wapello County v. Bingham*, *Supra*, it is said:

“Whatever may be the law in relation to Pomeroy’s holding over, it is a well settled principle that sureties are holden only for the term for which their bond is given, and it is not essential that a bond does not express the time or term; the law determines this and requires the bond for this, and it is the same as though the officer be elected to the same office. * * * The words ‘until his successor is elected and qualified’, are intended to cover the time between the election and qualification. The time prescribed for a successor to prepare himself to enter upon his office is the limit of the sureties’ responsibilities, and if the former does not perform his duty, there is a vacancy, and there should be an appointment. That liability cannot be extended over another term by the omission of these requirements. The law gives the office a term of two years. The surety knows this and takes the responsibility with a view to it.”

In *Baker City v. Murphy*, 35 L. R. A., 88, it is said by Judge Wolverton of the Oregon supreme court:

“It is a well settled rule of law recognized generally, if not by all of the authorities, that bonds or obligations given to secure the performance of official duties are to be construed with reference to the term for which the incumbent is elected or appointed and it is equally well settled that the law governing as to the term, its time of commencement and expiration, and the conditions and contingencies upon which it shall begin, continue, and come to an end, enters into and forms a part of such bonds or obligations, where general language is used in stipulating the conditions. Sureties upon such undertakings are presumed to have known the duration of the term when they became parties to them, and to have intended to bind themselves to the extent and for and during the time that their principals are bound.”

In *Brown v. Lattimore*, 17 Cal., 93, it was held that the legislature had no power to enlarge the liability of the sureties upon the bond of a public officer by extending the term of his office by legislative enactment. The same principle is announced in *King County v. Ferry*, 5 Wash., 536, in which the California case is cited and the doctrine therein announced approved.

All officers whose terms of office are extended by joint resolution No. 1, commonly known as the biennial election amendment to the constitution, were elected for a definite term fixed by law, which entered into and became a part of the contract by which the sureties upon the bonds of such officers undertook to guarantee the official conduct of their respective principals.

The contract entered into by the sureties upon such bonds is that they will guarantee the good conduct of the officers for whom they are sureties during the term for which such officers were elected. Their liability as sureties under the contracts executed by them will end with the expiration of the term of office for which their respective principals were elected.

The extension of the term of office by the constitutional amendment is in effect a new term thereby given to all officers who come within its provisions. The term created by such amendment is no part of the time during which the sureties upon the official bonds of such officers agreed to be responsible for the acts of their principals, and there is no agreement on the part of the sureties that they will answer for the good conduct of their principals during such term.

It is not within the power of the legislature or of the people of the state, either by the enactment of a statute or the adoption of an amendment to the constitution, to enlarge the liability of the sureties upon such official bonds, and extend such liability beyond the period covered by the original contract.

All officers whose terms are so extended by the constitutional amendment must, therefore, execute and file, in the manner provided by law, new bonds with approved sureties for the faithful discharge of their official duties during the new term created by such amendment.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

December 12, 1905.

HON. GILBERT S. GILBERTSON,
Treasurer of State.

FARMERS' INSTITUTE—AID FROM STATE—It is necessary for each farmers' institute in order to avail itself of state aid, to forward to the auditor of state a voucher setting forth the expenses incurred in holding its session during the current year of the appropriation, and before the appropriation has been covered into the state treasury.

SIR—In response to your request for my opinion as to whether you may issue a warrant to the Humboldt Farmers' Institute for the sum of seventy-five dollars, in aid in paying the expenses of a session of such institute

held in January, 1904, for which a voucher was filed in the office of the auditor of state on the 31st day of August, 1904, I submit the following:

Section 116-a of the supplement to the code makes the fiscal year of the state begin with July 1st and end with June 30th of the succeeding year. The unexpended balance of all annual appropriations, except where otherwise provided by law, must, under the provisions of the statute, be charged off and covered back into the treasury at the end of each fiscal year.

The appropriation made by section 1675 of the code, as amended by the acts of the twenty-ninth general assembly, is an annual appropriation made for the purpose of aiding farmers' institutes in defraying expenses incurred in holding sessions during the current year, to an amount not exceeding seventy-five dollars to each institute. If no session of such institute is held in any county during the year for which the appropriation is made, the appropriation for that county must be covered back into the treasury at the end of the fiscal year.

Under this provision of the statute, it is therefore necessary for each farmers' institute to forward to the auditor of state a voucher, setting forth the expenses incurred in holding a session of such institute, during the current year before the appropriation is covered into the treasury.

After the appropriation made to aid farmers' institutes has been covered into the state treasury, the appropriations cease to exist as such, and there is no fund upon which the auditor of state can draw a warrant for the purpose of paying any part of the expenses of a session of such institute. Every farmers' institute which desires to avail itself of the appropriation made by the legislature, must file the voucher required by section 1675 of the code with

the auditor of state on or before the 30th day of June of each year, setting forth the expenses of a session of such institute incurred during the year beginning with the first day of July preceding.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

December 15, 1905.

HON. B. F. CARROLL,

Auditor of State.

EXECUTIVE COUNCIL—PRINTING OF REPORTS OF EXECUTIVE OFFICERS OF STATE INSTITUTIONS—It is within the power of the executive council to print a limited number of copies of the reports of executive officers of state institutions at the expense of the state.

SIRS—In response to your request for my opinion as to whether the executive council or the board of control has power to print a limited number of the reports of the executive officers of the several institutions under the control of the board of control, when such reports have been, by the governor, under the provisions of section 124 of the code, omitted from the biennial report made by the board of control to the governor and the legislature, I submit the following:

Section 2727-a3 of the supplement to the code contains this provision:

“The board shall, by the proper authorities, be also furnished with all necessary books, blanks, stationery, printing, postage stamps and such other office supplies as are furnished to other state officers. * * *”

Striking out the intervening words so as to make the provision apply to printing only, it reads:

“The board shall, by the proper authorities, be also furnished with all necessary printing.”

The proper authority referred to in the provision of the statute quoted is the executive council, as chapter 7 of the code gives to that body general charge of the supplies, etc., required for the transaction of the business of the respective state offices and boards.

If, therefore, the executive council shall reach the conclusion that it is necessary to the proper transaction of the business required of the board of control in the management of the affairs of the institutions under its control, that a limited number of copies of the reports of the executive officers of such institutions should be printed, it is clearly within the power of the council to order such reports printed at the expense of the state.

The legislature, by section 3 of chapter 118 of the acts of the twenty-seventh general assembly, appears to have made special provision for the printing required by the board of control in the management of the institutions under its charge, and whatever printing is necessary for the proper conduct of the affairs confided to the board may be ordered by the executive council and paid for by the state.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General of Iowa.

December 18, 1905.

TO THE HONORABLE EXECUTIVE COUNCIL
of the State of Iowa.

**INSANE—CORRECTION OF AN ERRONEOUS CHARGE AGAINST A
COUNTY UPON THE BOOKS OF THE AUDITOR OF STATE.**

SIR—In response to your request of the 6th instant as to whether the statement contained in an opinion given by me to you July 30, 1904, which is as follows:

“The charge of \$640.80 upon your books against the county for her support is, therefore, an erroneous charge and the county should receive credit by that amount to properly adjust and balance your books. It

is not necessary that you should receive any formal order of the board of control to make this correction. It stands as any other erroneous entry upon your books, and is one which you have full power to correct."

should be construed as general in its nature, or simply as applicable to the case then under consideration, I beg leave to say:

The statement is general in its application and applies with equal force whenever there is a dispute between the county and the state as to whether a patient is a county or a state charge, and it is afterward determined that such person is a state patient.

In all such cases the charges made against the county by the state, for the support of the patient before the final determination of the question, are erroneous and should be corrected upon your books. When it is finally determined that the patient is a state charge, that determination carries with it the duty of the state to pay the expenses of such patient in the hospital from the time that the question is raised by the county.

Respectfully submitted,
CHAS. W. MULLAN,
Attorney-General of Iowa.

December 19, 1905.
HON. B. F. CARROLL,
Auditor of State.

TAXATION--WHEN TAXES BECOME A LIEN-STATE PROPERTY--

When the state takes title to real estate, the land is at once exempt from taxation, and unless there were taxes assessed against it which were a lien upon it at the time the state took the title, no taxes can be enforced after the purchase by the state.

SIRS—In compliance with your request for my opinion whether the eighty acres of land in sections 3 and 4, township 84, range 4, owned by the state, is exempt from the taxes of 1904, I submit the following:

From the letter of Mr. A. G. Bauder submitted to me, I learn that this land was assessed in the year 1904 to L. W. Ellis. Ellis conveyed the land to the state on the tenth day of June, 1904.

Section 1303 of the code provides that the board of supervisors shall levy taxes upon the assessed value of all taxable property in the county at the September session of the board.

The state became the owner of the tract of land in question prior to the time of the levy of the taxes thereon by the board of supervisors. Its value had then simply been determined and returned to the county auditor as taxable property by the assessor of the district in which the land is located.

Subdivision 1 of section 1304 of the code exempts all property of the state from taxation.

It therefore follows that when the state took the title to the land it was at once thereupon exempted from taxation, and, unless there were taxes which had been assessed against it and which were a lien upon it at the time the state took the title, no taxes could be levied or enforced against it after the purchase by the state.

If taxes were levied upon the land by the board of supervisors at the September session following the purchase by the state, such levy was erroneous and beyond the power of the board. The land was then the property of the state and no taxes could be levied thereon for any purpose.

It may be stated as a general rule of law that, in the absence of words showing a contrary intent on the part of the legislature, a legislative grant of exemption from taxation takes effect as soon as the act making the grant becomes a law and is accepted by the beneficiary, if express acceptance is required, and relieves from all taxation the

exempted property, the assessment of which has not been completed, and so placed beyond the power of the taxing officers, before the passage of the act.

Wis. Cent. R. Co. v. Comstock, 71 Wis., 88;

People v. Com's of Taxes, 142 N. Y., 348, affirming 76 Hun., 491.

While the exemption in the case under consideration was not created by express legislative grant, yet the principle involved is substantially the same. The land came within the provision of section 1304, which exempts all property of the state from taxation, at the time of the delivery of the deed to the state on the tenth day of June, 1904. At that time no taxes had been actually levied upon the land. It was within the power of the board of supervisors to omit such land from its levy of taxes upon the taxable property of the county.

Under the facts in the case, the land is, in my opinion, exempt from all taxes, and the records of the county should be so made as to show that fact.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

December 19, 1905.

TO THE HONORABLE BOARD OF CONTROL
of State Institutions.

BIENNIAL ELECTION AMENDMENT—EXTENSION OF TERM OF PUBLIC OFFICERS—NECESSITY FOR ALL OFFICERS TO RE-QUALIFY—It is held that the Biennial Election Law extended the term of all elective officers who fall within its provisions, and that every officer whose term was so extended must again qualify by taking the oath of office, and filing new bond, if one is required by law.

SIR—In compliance with your request for my opinion whether the officers whose terms of office were extended by the adoption of the amendment to the state constitution,

commonly known as the biennial election amendment, must qualify by taking the oath of office prescribed by the constitution and the statutes of the state for the period of such extension, I submit the following:

The extension of the term of all elective officers who fall within the provisions of the constitutional amendment, is not an extension by an act of the legislature. Such extension is effected by the adoption of an amendment to the constitution of the state, which is proposed by the legislature and adopted by a popular vote of the electors of the state. By the adoption of the constitutional amendment all of the officers who fall within its provisions were in effect elected to a further term of office at a general election of November, 1904.

It is true that the amendment was, under the provisions of the constitution, proposed by the general assembly and agreed to by a majority of the members elected to the two houses of two successive legislatures but before it became a part of the fundamental law of the state, it was necessary that it should receive a majority of the votes of all the electors voting thereon, at the general election at which it was submitted.

The right of the officers, therefore, whose terms of office were extended, to hold office for the additional term of one year, is derived from the election at which the constitutional amendment was adopted, and not from an act of the legislature. The officers whose terms are thus extended stand substantially upon the same footing as officers who are elected to a full term of office at a general election by a vote of the electors of the state.

To constitute the holding of an office, there must be the concurrence of two wills, that of the appointive power, whether that power is vested in the electors of the state or

in an executive officer or board, and that of the person who is appointed to the office. In no case will an office be considered as filled until there is an acceptance by the person chosen to fill the same.

People v. Whitman, 10 Cal., 38;

Johnson v. Wilson, 2 N. H., 202 (9 Am. Dec., 50);

Matter of Bradley, 141 N. Y., 527.

The election of a person to office by the qualified electors, and the issuance of a certificate of his election by the proper authorities, without more, do not fill the office to which such person is elected. There must be an affirmative acceptance upon the part of the person elected, and a qualification by him, before he is entitled to perform any of the duties of the office.

In *Matter of Bradley*, *supra*, it is said by Mr. Justice Gray:

“It is very clear that the law contemplates two steps by the candidate elected to office. The first to be taken is the filing of his oath of office. When that has been done the office is deemed to have been accepted, and that is equivalent to saying that the officer has entered upon his duties. It is after so entering upon his office, and within a specified time thereafter, that he is required to execute and submit his undertaking. That he is regarded as in office when he has filed his oath is perfectly clear from the provision that neglect to file the oath within the prescribed time causes a vacancy. When he has evidenced in the required manner his acceptance of the office to which elected, his predecessor is out and has no further standing as a member of the town board.”

While the case from which the foregoing excerpt is taken is based upon the provisions of the New York statute, yet it announces a general principle of law that obtains where a candidate is elected to office; that is, that he must signify his acceptance of the office to which he is elected by taking the oath prescribed by the constitution and statutes of the state.

Section 5 of article XI of the constitution of the state provides:

“Every person elected or appointed to any office shall, before entering upon the duties thereof, take an oath or affirmation to support the constitution of the United States and of this state, and also an oath of office.”

Section 1177 of the code provides:

“The several officers, before entering upon their duties as such, shall qualify by taking the prescribed oath and by giving, when required, a bond, which qualification shall be perfected, unless otherwise specified, before noon of the first Monday in January following their election.”

Sections 1178, 1179 and 1180 prescribe the form of oath to be taken by the several officers in the state.

The taking of the oath of office and the filing of a bond, where a bond is required, have always been understood as being the method prescribed by law for the acceptance of office by the person elected thereto. It is possible that other methods of acceptance, if well defined and certain in their character, might be held to be a valid acceptance of office by the person elected, but the method prescribed by the statute is the taking of an oath for the faithful performance of the duties of the office and the filing of a bond, where one is required, for the faithful discharge of such duties.

It is familiar law that a failure of a person elected to a public office to qualify, by taking the oath of office and filing a bond, where a bond is required, creates a vacancy in the office to which such person is elected.

People v. Taylor, 57 Cal., 620;
Matter of Executive Communication, 25 Fla., 426;
State v. Matheney, 7 Kansas, 327;
State v. Hopkins, 10 Ohio St., 509;
State v. Cocke, 54 Texas, 482;
Winneshie County v. Maynard, 44 Iowa, 15.

The adoption of the constitutional amendment, by the people, did not *ipso facto* extend the term of office of the several officers who fall within its provisions. Before such term is extended under the provisions of the amendment, the officers who come within its provisions must, by affirmative action, in the manner prescribed by law, accept office for the term of such extension and a failure to do so upon the part of any such officer will create a vacancy in his office. The concurrence of the two wills necessary to constitute the holding of an office within the meaning of the statute would not exist without such acceptance.

It is therefore, in my opinion, necessary that every officer, whose term of office is extended by the constitutional amendment, must, if he desires to hold the office during the term of such extension, take the oath of office prescribed by law.

Respectfully submitted,

CHAS. W. MULLAN,

Attorney-General of Iowa.

December 29, 1905.

HON. A. B. CUMMINS,

Governor of Iowa.

SCHEDULE G.

QUARANTINE—PAYMENT OF EXPENSES—The expenses incurred in establishing, maintaining and raising a quarantine are for the benefit of the public and are to be paid for by the public.

Des Moines, January 8, 1904.

HON. FRANK S. CARROLL,
Harlan, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 7th instant, and in reply to your inquiry will say that in my opinion the expenses which are chargeable to a patient who is quarantined because of a contagious disease are those incurred for his care, needful assistance, medical attendance, supplies and nurses. Section 2570-b separates and classifies all expenses incurred by the board of health in establishing, maintaining or raising a quarantine, including fumigation of the building and providing a pest house, detention or other hospital as a class of expenses which shall be paid by the levy of a tax upon the township, town or city to reimburse the county for the money advanced by it to meet such expenses when incurred.

It is clear from the reading of sections 2570-a and 2570-b that it was not the intention of the legislature to make any person afflicted with a contagious disease dangerous to the public health pay for the expenses of building a pest house, establishing, maintaining and raising a quarantine, all of which is done for the public benefit and not for the benefit of the patient. His care, nursing, medical assistance and supplies are for the benefit of the patient personally and should be paid for by him, and the statute has so provided, if he is able to make such payment. The quarantine is for

the benefit of the public, and the legislature has provided that its expense shall be paid for by the public and not the patient.

I am,

Yours very truly,

CHAS. W. MULLAN.

STATE INDUSTRIAL SCHOOL—A person committed to the state industrial school is entitled to be released under the terms of the statute in force at the time of commitment.

Des Moines, January 14, 1904.

HON. WILLARD H. PALMER,
Maquoketa, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 13th instant.

At the time that Bessie Tracy was committed to the State Industrial School, as shown by the order of commitment enclosed in your letter, the statute provided that a minor child might be committed to the State Industrial School upon the complaint of a parent or guardian, until such minor attained his or her majority.

Section 3188 of the code provides:

“The period of minority extends in males to the age of twenty-one years, and in females to that of eighteen years.”

The court had no power at the time of the commitment of Bessie Tracy to order her detained in the State Industrial School after she attained her majority, which under the statute quoted, she attained when she arrived at the age of eighteen years.

The twenty-ninth general assembly amended section 2708 of the code by striking out the word “majority” in the thirty-first line of the section, and inserting in lieu thereof the words “the age of twenty-one years” (Chap. 119). This act took effect on the fourth day of July, 1902.

Under its provisions the court now has the power to commit a minor to the State Industrial School until such minor attains the age of twenty-one years but as suggested, that power did not exist prior to the enactment of chapter 119 of the acts of the twenty-ninth general assembly.

Under the order of commitment and the statutes of the state as they existed at the time the same was made, Bessie Tracy is entitled to be released and discharged from the State Industrial School when she attains her majority, viz: the age of eighteen years.

As to the other question contained in your letter, I will offer this suggestion: That it appears extremely doubtful to me that a county can be held liable for the office rent, light and fuel used by a county attorney, unless there has been a refusal on the part of the board of supervisors to provide the county attorney with such office, light, fuel, etc.

Yours very truly,

CHAS. W. MULLAN.

PARK COMMISSIONERS—The park commissioners of any city have no authority to loan any part of the park fund to the city for the purpose of paying existing city indebtedness.

Des Moines, January 19, 1904.

MR. FRANK TRUMAN,
Iowa Falls, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 16th instant. The matter concerning which you write is not within the jurisdiction of this office, nor is it one upon which I can express an official opinion unless the question should be referred to me by one of the departments of the state.

I will suggest, however, that I doubt the authority of the park commissioners to loan any part of the park fund to the city for the purpose of paying existing city indebtedness. I call your attention to the provisions of section 904 of the code. I also call your attention to the provisions of section 860 which are as follows:

“The council shall, in resolution ordering such election, specify the rate of taxation proposed and the number of years the same shall be levied. If a majority vote cast at such election on the proposition so submitted shall be in favor of the adoption of the proposition for taxation, the council *shall* levy the tax so authorized.”

These provisions appear to leave little room for discretion on the part of the city council after the proposition to levy the tax has been carried at the election.

I am,

Yours very truly,

CHAS. W. MULLAN.

ESCHEAT OF LANDS—The title to lands of a decedent who dies without heirs vests in the state *eo instanti*, and in the absence of any statute, the probate court has no power to order a sale thereof to pay the debts of a decedent.

DEAR SIR—Replying to your favor of the 16th instant, transmitting notice of application to sell real estate to pay debts in the Estate of Joe Erwin, Deceased, I beg to say:

The rule of law governing the escheat of lands appears to be that the title to lands of a decedent, who dies without heirs, vests in the state *eo instanti* and before office found; and after having so vested the probate court has no power to order a sale thereof to pay the debts of the decedent, unless there is a statute specifically giving such power. No such statute exists in this state. It may therefore be said logically to follow that the probate court of this state has no power to order a sale of escheated lands for the purpose of paying the debts of a decedent.

Under its provisions the court now has the power to commit a minor to the State Industrial School until such minor attains the age of twenty-one years but as suggested, that power did not exist prior to the enactment of chapter 119 of the acts of the twenty-ninth general assembly.

Under the order of commitment and the statutes of the state as they existed at the time the same was made, Bessie Tracy is entitled to be released and discharged from the State Industrial School when she attains her majority, viz: the age of eighteen years.

As to the other question contained in your letter, I will offer this suggestion: That it appears extremely doubtful to me that a county can be held liable for the office rent, light and fuel used by a county attorney, unless there has been a refusal on the part of the board of supervisors to provide the county attorney with such office, light, fuel, etc.

Yours very truly,

CHAS. W. MULLAN.

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Des Moines, January 19, 1904.

MR. FRANK TRUMAN,
Iowa Falls, Iowa.

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I will suggest, however, that I doubt the authority of the park commissioners to loan any part of the park fund to the city for the purpose of paying existing city indebtedness. I call your attention to the provisions of section 904 of the code. I also call your attention to the provisions of section 860 which are as follows:

“The council shall, in resolution ordering such election, specify the rate of taxation proposed and the number of years the same shall be levied. If a majority vote cast at such election on the proposition so submitted shall be in favor of the adoption of the proposition for taxation, the council *shall* levy the tax so authorized.”

These provisions appear to leave little room for discretion on the part of the city council after the proposition to levy the tax has been carried at the election.

I am,

Yours very truly,

CHAS. W. MULLAN.

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The rule of law governing the escheat of lands appears to be that the title to lands of a decedent, who dies without heirs, vests in the state *eo instanti* and before office found; and after having so vested the probate court has no power to order a sale thereof to pay the debts of the decedent, unless there is a statute specifically giving such power. No such statute exists in this state. It may therefore be said logically to follow that the probate court of this state has no power to order a sale of escheated lands for the purpose of paying the debts of a decedent.

In the case under consideration I should doubt the soundness of the policy of the state in taking the escheated lands and depriving creditors of the amount due them from the decedent. I will, however, be pleased to take such action in the matter as may be deemed advisable by you.

I am,

Yours very truly,

CHAS. W. MULLAN.

January 19, 1904.

HON. ALBERT B. CUMMINS,
Governor of Iowa.

PEDDLERS--LICENSE OF--A peddler may be required to take out a license in each town in which he sells his goods, and if he peddles outside of the corporate limits of a city or town, he may be required to secure a license from the county authorities.

Des Moines, January 21, 1904.

MR. J. E. HAWKINS,
Vicksburg, Mich.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 19th instant. Under the laws of this state a peddler may be required to take out a license in each town in which he peddles his goods, and if he peddles outside of the corporate limits of a city or town he may also be required to take out a license from the county authorities.

I am,

Yours very truly,

CHAS. W. MULLAN.

SHERIFF—COMPENSATION OF—The mileage earned by a sheriff in serving civil processes belongs to the sheriff, and it cannot be considered as a part of his compensation allowed by statute.

Des Moines, February 4, 1904.

HON. S. C. HUBER,
Tama, Iowa.

DEAR SIR—I am in receipt of your favor of the 21st ultimo, asking my opinion as to the interpretation of section 510 of the code, relating to the compensation of sheriffs.

I have had considerable correspondence in reference to the correct interpretation of the language of this section, and while the intention of the legislature is not very clearly expressed, I have reached the conclusion, and have so written several of the county attorneys throughout the state, that the mileage earned by a sheriff in serving civil processes belongs to the sheriff, and that he is entitled to it whether collected by him or whether paid to the clerk of the court after the end of the year.

The mileage allowed for the serving of processes in civil cases is in effect the re-imbusement to the sheriff of his expenses in serving such processes; that is, it simply repays him for the money expended by him in serving such processes, and cannot be considered as a part of the compensation allowed him by statute as sheriff. It is not a compensation but a repayment of money expended by him.

I am,

Yours very truly,

CHAS. W. MULLAN.

INSURANCE—The statute does not fix or limit the amount of assessments in hail insurance companies.

Des Moines, February 15, 1904.

MR. A. D. PLATT,
Gillett Grove, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 11th instant.

While the matter concerning which you write is not one upon which I can express an official opinion, unless the same should be referred to me by one of the departments of the state, I will say that I know of no statute fixing or limiting the amount of assessments in hail insurance companies. Section 1765 of the code which relates to companies of that character, provides:

“Such associations may collect policy and survey fees and such assessments as may be provided for in their articles of incorporation and by-laws, and provide for such expenses and losses as may be necessary in the conduct of their business.”

The limit of assessments should be, and usually is, fixed by the articles of incorporation.

I am,

Yours very truly,

CHAS. W. MULLAN.

HOME FOR THE AGED—It is held that the Home for the Aged of Des Moines is a charitable institution and gifts to the Home are exempt from the payment of collateral inheritance tax.

Des Moines, February 26, 1904.

HON. G. S. GILBERTSON,
Treasurer of State.

DEAR SIR—The question whether the Home for the Aged, of Des Moines, is a charitable institution within the meaning of section 1467 of the code, has been pending in this office for some time; and for the purpose of ascertaining as nearly as possible the exact methods upon which the Home is conducted, I requested its treasurer, Mr. W. E. Coffin, to give me a full statement as to the receipt and expenditure of its funds, the source from which they were derived, and whether they were sufficient to pay the cost of maintaining the Home. I have received such statement from Mr. Coffin, and a careful examination of the matter leads me to the conclusion that the Home is a charitable institution within the meaning of the provisions of the section referred to.

It was established by a small endowment fund. Voluntary contributions are made by the people of Des Moines and others for the purpose of paying the expense of its maintenance. The persons who are admitted to the Home are compelled to pay a comparatively small admission fee, ranging from \$150 to \$300. Upon the payment of such fee, they are cared for at the Home during the remainder of their lives, and the amounts so paid for admission are wholly insufficient in the aggregate to meet the expenses of the cost, support and maintenance of the inmates of the Home, and the remainder must necessarily be made up by voluntary donations and from the interest upon the endowment fund.

Under the conclusion which I have reached, gifts and bequests to the Home are exempt from the payment of collateral inheritance tax under the provisions of the section referred to.

I am,

Yours very truly,

CHAS. W. MULLAN.

STATE CERTIFICATES—DISCRETION OF BOARD IN ISSUING SAME—The board of educational examiners may grant state certificates and state diplomas upon examination only.

Des Moines, March 3, 1904.

HON. JOHN F. RIGGS,

Supt. Public Instruction.

DEAR SIR—Your favor of March 3d is received, in which you request an opinion upon the following question:

“Under the provisions of section 2629 of the code, must each applicant for a state certificate or state diploma be examined by the board of educational examiners, or has the board discretionary power in the matter of accepting diplomas or certificates from other states in lieu of such examination?”

Section 2629 of the code and supplement contemplates that the board of educational examiners shall grant state certificates and state diplomas upon examination only. Discretion in the issuance of certificates and diplomas (as provided by said section) is excluded. Applicants must present themselves for examination and it is quite evident that certificates and diplomas may be issued to those only who are "found upon examination" to possess the qualifications recited by the section of the code in question.

Yours very respectfully,

LAWRENCE DeGRAFF.

OFFICIAL BALLOTS—NAMES OF CANDIDATES THEREON—A person may not have his name placed upon an official ballot for a municipal election, unless he has been nominated at a convention of delegates, primary, caucus, or meeting of qualified electors representing a party which, at the last preceding general election, polled at least two per cent of the entire vote of the municipality or subdivision thereof.

Des Moines, March 17, 1904.

MR. I. J. SAYRS,
Jewell, Iowa.

DEAR SIR—I am in receipt of your favor of the 16th instant, and in reply will say that I doubt the propriety of my expressing an official opinion upon the matters referred to in your letter, unless the same should be referred to me by one of the departments of the state, of which I am the legal adviser. I will, however, as a matter personal to you, make the following suggestions:

Under section 1098, to entitle a nominee to have his name placed upon the official ballot, he must have been nominated at a convention of delegates, primary, caucus or meeting of qualified electors, representing a political party which, at the last preceding general election, polled

at least two per cent of the entire vote of the municipality or division of municipality in which the nomination is sought to be made; that is, the nomination so made must be by a political party which cast that percentage of its votes at the last general election for its candidate or candidates, and a meeting of citizens for the purpose of nominating candidates for office, which does not represent such a political party, cannot make a nomination which entitles the nominees to have their names placed upon the official ballot of such convention, primary, caucus or meeting of electors.

The method by which a nomination may be made by citizens not representing such political party, is provided for by section 1100 of the code. The words "preceding general election" referred to in section 1098 mean the general state election and not the election of the municipality.

I am,

Yours very truly,

CHAS. W. MULLAN.

BOARD OF SUPERVISORS—DUTY TO FURNISH COUNTY ATTORNEY AN OFFICE—The statute requires that the board of supervisors shall furnish the county attorney at the county seat, an office with fuel, lights, books, stationery, etc.

Des Moines, March 17, 1904.

HON. WILLARD H. PALMER,

Maquoketa, Iowa.

DEAR SIR—I am in receipt of your favor of the 14th instant. As you are aware section 4868 of the code provides that the board of supervisors shall furnish to the county attorney an office at the county seat, with fuel, lights, blanks, books, stationery, etc., proper to enable him to discharge the duties of his office. As suggested in my former letter to you, I doubt the liability of the county for office rent, fuel, light, etc., in a case where the county attorney

has occupied his own office and been engaged in the practice of law, unless he makes a demand upon the board of supervisors to furnish him an office under the provisions of the section quoted, and such demand is refused. But I think the matter lies within the power of the board of supervisors and that it may properly allow any just claim for compensation by way of rent, light, fuel, etc., to a county attorney, that is fair and just under the circumstances of the particular case; that is, the board of supervisors acting for the county would have the rights to waive the question of previous demand and audit and allow a claim for rent, light, fuel, etc., if in the judgment of the board such claim was equitable and should be allowed.

I am,

Yours very truly,

CHAS. W. MULLAN.

MARRIAGE LICENSE—A license to marry obtained from the clerk of the district court in one county, does not authorize the marriage of the parties thereto in another county.

Des Moines, March 17, 1904.

HON. I. T. DABNEY,
Bloomfield, Iowa.

DEAR SIR—I am in receipt of your favor of the 14th instant. In reply will say that it appears to me that the questions asked in your favor should be determined by you as county attorney of Davis county, as they fall strictly within the jurisdiction of your office and not within the jurisdiction of the attorney general. I have, however, invariably made it a rule to answer, so far as possible, all questions which have been asked me by county attorneys

pertaining to matters connected with the administration of their offices; and as a matter of courtesy to you I will now make the following suggestions:

Where a license is obtained from the clerk of a district court in one county, and the marriage authorized thereby is solemnized in another county, it is not strictly a statutory marriage, but is unquestionably valid.

Section 3141 of the code provides that previous to the solemnization of any marriage, a license must be obtained from the clerk of the district court of the county wherein the marriage is to take place. Section 3144 provides, if a marriage is solemnized without such license being procured from the clerk, the parties married and all persons aiding and abetting them are guilty of a misdemeanor.

In the case suggested by you, no license was issued by the clerk of the district court of the county where the marriage took place. All of the parties, therefore, fall within the provisions of section 3144, which make their action in solemnizing the marriage without the necessary license of the clerk a misdemeanor, unless they are within the provisions of section 3148, which exempts persons of any particular denomination who have a peculiar mode of entering into the marriage relation from the penalties provided by section 3144.

I also call your attention to the provisions of section 3147 by which the minister conducting the marriage ceremony may be exempted from the penalty for solemnizing a marriage when all of the preliminary steps have not been taken, by making a return within ninety days of such marriage to the clerk of the district court of the county wherein it occurred.

I am,

Yours very truly,
CHAS. W. MULLAN.

COLLATERAL INHERITANCE TAX—EFFECT OF NOTICE BY A TESTATOR TO AN ADMINISTRATOR TO MARK CERTAIN NOTES PAID—A written request by a testator to have certain notes marked paid after his death, is of no force or effect in law.

Des Moines, March 21, 1904.

O. H. MITCHELL, *County Attorney*,
Waverly, Iowa.

DEAR SIR—The treasurer of state has called our attention to the matter of the application of Charles Golding, administrator of the estate of Mrs. C. L. Ide, to have the appraisement of four notes of Peter Joens for two hundred dollars (\$200) each, belonging to said estate, set aside on the ground that he, as administrator, was not served with notice of appraisement.

The letter of January 27, 1904, of the treasurer of state to you covers this point. We desire that you enter an appearance in this case, file formal resistance to the application and if the court holds adversely to you, save exceptions so that the case may be properly appealed.

It seems to us that these notes must be considered property belonging to the estate and that they possess value. The written request of Mrs. Ide to Charles Golding that he, as administrator, should mark the notes "Paid", and should deliver the same to Peter Joens, the maker, was of no force or effect in law. If there had been lineal heirs they could have successfully resisted any such delivery on the part of the administrator and the notes would have been held assets belonging to the estate, and payment thereof could have been demanded. It will be observed that the written request did not have the legal effect of a will. It was not duly executed as a will. An oral request would have given the administrator the same power as the written request. It is a well received principle of law that the death of the principal terminates the agency *ipso facto*. Upon the death of Mrs. Ide any

power of agency which Charles Golding may have possessed, ended. There are but three classes of cases in which the death of the principal does not revoke the powers of the agent.

First—When a consideration is paid by the agent for the agency. *Second*—When the power of the agent is coupled with an obligation. *Third*—When the power of the agent is coupled with an interest.

The facts in the case do not place Mr. Golding as agent within any one of the above exceptions. Golding's agency was not coupled with an interest. He was simply instructed to turn over certain notes in a certain way after the death of his principal, and at the moment the principal died, the agency died with her; so that Golding, as a matter of law, had no authority whatever to turn over said notes. Taking these premises to be true it must follow that the notes in question possessed value. They belonged to the estate and were assets of the estate.

You are probably fully advised of the law in this case and although there is not much at stake other than the principle involved, we desire that you follow our request as given in the second paragraph above.

Yours very truly,

LAWRENCE DEGRAFF.

NOMINATION PAPERS—COMPUTATION OF TIME AS TO FILING—

The day upon which the nomination papers are filed is included and the day of the election excluded.

Des Moines, March 22, 1904.

DR. J. W. LYNCH,
Lawler, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 20th instant. In reply will call your attention to subdivision 23 of section 48 of the code, which provides:

“In computing time, the first day shall be excluded and the last included, unless the last falls on Sunday, in which case the time prescribed shall be extended so as to include the whole of the following Monday.”

In the application of this rule, the day upon which the nomination papers are filed should be counted, and the day of the election excluded, and if in counting the day upon which the nomination papers are filed there are ten days prior to the day of election, the nomination papers must be held to have been filed in time.

Yours very truly,

CHAS. W. MULLAN.

TAXATION—THE TERM “MERCHANT” CONSTRUED—Any person, firm or corporation to whom personal property has been consigned or who has such property in his possession for sale, is deemed a merchant and the property is taxable.

Des Moines, March 24, 1904.

MR. W. C. CHILDERS,
Athelston, Iowa.

DEAR SIR—I am in receipt of your favor of the 21st instant, and in reply will call your attention to section 1318 of the code which provides that any person, firm or corporation owning or having in his possession or under his control within the state with authority to sell the same, any personal property, purchased with a view of its being sold, or which has been consigned to him from any place out of this state to be sold within the same, “shall be deemed a merchant” for the purposes of taxation, and that such property is taxable under the laws of this state.

I am,

Yours very truly,

CHAS. W. MULLAN.

SWAMP LANDS—SALE OF—DISPOSITION OF PROCEEDS—The board of supervisors having expended the proceeds from the sale of swamp lands, cannot be compelled to use a like sum of money for the purpose of constructing levees, ditches or drains.

Des Moines, April 4, 1904.

HON. THOMAS LAMBERT,
Senate Chambers.

MY DEAR SENATOR—In response to your inquiry whether the board of supervisors of a county may be compelled to expend a sum of money equal to the amount received by the county from the sale of swamp lands for the purpose of constructing levees along a river to prevent it from overflowing the adjacent lands in a case where the money received by the county from the sale of swamp lands has been used and expended for other purposes, I have to say—

There is no way by which a board of supervisors under such circumstances can be compelled to expend money in the construction of a levee along a river or other water course for the purpose of preventing such river or water course from overflowing adjacent lands.

It is true that the act of Congress of 1850 granted the swamp lands to the states for the purpose of creating a fund for the construction of levees, ditches, drains and works of like character, but the state has never required the money received from swamp lands to be specifically used for such purposes, and has authorized its use for many other and different purposes, such as the erection of public buildings, the construction of highways and bridges, and other public improvements; and in your case if the supervisors of Jackson county used the money which

they received from the sale of swamp lands for any of the purposes authorized by the statute, it is clear that under any existing law the present board cannot be compelled to use a like sum of money, or even any part of it, for the purpose of constructing levees along a water course.

I am,

Yours very truly,

CHAS. W. MULLAN.

EXTRADITION—The governor has no power to issue his warrant for the arrest and return of a citizen of Iowa to another state, charged with murder in that state by sending poisoned candy through the mail.

Des Moines, April 13, 1904.

MR. H. A. SWALLOW,
Danville, Illinois.

DEAR SIR—I beg leave to acknowledge the receipt of your favor of the 11th instant.

I did not give a written opinion to the Governor upon the recent case involving the question of honoring a requisition from the Governor of South Dakota for the surrender of a citizen of Iowa charged with murder in South Dakota by sending poisoned candy through the mail. The matter was referred to me for my verbal opinion and a written one was not asked nor desired by the Governor.

I reached the conclusion that the Governor had no power to issue his warrant for the arrest and return of a citizen of Iowa to South Dakota, for the reason that she had never been in South Dakota and was not, therefore, a fugitive from justice under the federal statute.

I call your attention to the case of *Hyatt v. Corkran* reported in 188 U. S., at page 691, and *Jones v. Leonard*, 50 Iowa, 106, which are clearly conclusive upon the question. I am,

Yours very truly,

CHAS. W. MULLAN.

TAXATION—DELINQUENT TAXES—IMPOSITION OF PENALTY—

(1) If the first installment of tax remains unpaid April 1st, the entire tax will be considered as delinquent from March 1st. (2) In imposing the penalty, the fraction of a month is not considered.

Des Moines, April 25, 1904.

HON. G. S. GILBERTSON,
Treasurer of State.

MY DEAR SIR—Two questions have been submitted by you to this office for answer, and I respectfully submit for your consideration the following:

1. When do taxes become delinquent?

Taxes are payable to the county treasurer each year in two equal installments. The first installment may be paid between the first Monday in January and the first day of April; the second, any time before the first day of October. In case the first installment remains unpaid April 1st, the entire tax will be considered as delinquent from March 1st; and in like manner if the second installment is not paid before October 1st, it is considered delinquent from September 1st. The statute provides that all delinquent taxes shall bear interest from the date of delinquency at the rate of one per cent per month, consequently the penalty could be enforced from March 1st or September 1st, respectively.

2. In computing the penalty, does the law regard the fraction of a month in enforcing the same?

See Code, secs. 1403, 1413 and 1391.

This question must turn on the legislative intent. The uniform custom seems to be to impose the penalty for the month or months only which precede the payment; for example, if the first installment of taxes is not paid by April 1st, one per cent penalty attaches for the month of March. If the taxes are not paid by the first of May, then another per cent is imposed for the month of April. If, however the taxes are paid between the first of April

and the first of May, only one per cent penalty would be collected. In our opinion this is the construction to be placed upon section 1413 of the code. We believe this to be in conformity to the legislative intent and it is sanctioned by the general custom.

Yours very truly,

LAWRENCE DEGRAFF.

QUARANTINE—POWER OF LOCAL BOARD OF HEALTH—The local board of health has authority to establish quarantine against all infectious and contagious diseases, and has power to make and enforce all reasonable regulations in relation thereto.

Des Moines, April 25, 1904.

REV. THOMAS CARSON,
Monmouth, Iowa.

DEAR SIR—I am in receipt of your favor of April 15th which was addressed to me at Waterloo and for that reason did not reach me until Saturday last.

In reply will say that the local board of health has authority under section 2568 of the code to proclaim and establish quarantine against all infectious and contagious diseases dangerous to the public, and may maintain and remove the same as may be required by the regulations of the state board of health. The powers thus conferred upon the local board are extensive and can be exercised in any reasonable manner to prevent the spread of contagious diseases.

There is practically but one limit to the exercise of such power, and that is all ordinances, orders or regulations must be reasonable and not arbitrary. If they are unreasonable they are void, but within that limit they may be legally enforced.

As to whether the order made by the local board of health of Monmouth is reasonable or not depends upon the existing facts. If there is an epidemic of smallpox in the town of Baldwin, and the local authorities of that town have not taken the proper measures to prevent the spread of such contagious disease, it is within the power of the board of health of Monmouth to prevent the citizens of Baldwin from coming to the town of Monmouth, and to prevent the people of Monmouth from going to the town of Baldwin and return. That is, it is within the power of the board to suspend the right of the people of the two towns to mingle and associate together. Whether the conditions are such as to warrant the enforcement of so rigid a measure I cannot determine without full knowledge of all the facts, and ordinarily the question as to the proper measures to be enforced to prevent the spread of contagious diseases is one which is confided by law to the board of health, and regulations of such board can only be held in-operative when they are manifestly unreasonable.

I am,

Yours very truly,

CHAS. W. MULLAN.

CRIME—PUNISHMENT OF—A prosecution instituted at the instance of a person committing the crime for the purpose of avoiding the penalty of the law, is not a bar to a subsequent prosecution.

Des Moines, May 7, 1904.

MR. S. C. QUIMBY,

Deputy Game Warden,

Des Moines, Iowa.

DEAR SIR—I am in receipt of your favor of the 5th instant, and in reply thereto and in answer to questions which you asked me verbally, I beg to make the following statement:

Where a crime has been committed or a law violated, a prosecution instituted at the instance of the person who

has violated the law or committed the crime, or by friends of his, for the purpose of avoiding the penalty of the law, is not a bar to a subsequent prosecution. The filing of an information, or procuring the same to be filed, by the defendant or by his friends is not a prosecution in good faith and is fraudulent in its nature, and such a prosecution has been held to be no bar to a prosecution by the proper authorities in good faith. See

State v. Green, 16 Iowa, 239;

State v. Maxwell, 51 Iowa, 314.

Yours very truly,

CHAS. W. MULLAN.

FISH AND GAME—THE TERM "WATERS OF THE STATE" CON-
STRUED—A bayou or lake connected with the main
body of the Mississippi River, but forming no part of
the river, is an inland body of water within the juris-
diction of the state of Iowa.

Des Moines, June 28, 1904.

MCCARTHY, KENLINE & ROEDELL,

Dubuque, Iowa.

DEAR SIRs—I beg to acknowledge the receipt of your favor of the 21st instant.

While I have some doubts as to the propriety of expressing an opinion in regard to the question referred to in your letter, unless the same should be referred to me by one of the departments of the state, I will state briefly my views thereon.

From the sketch which you enclose it is clear that what is called Zollicoffer Lake is a bayou extending from the Mississippi River northwesterly about one mile, and that it lies wholly within the state of Iowa. It cannot be said to be any part of the Mississippi river, nor does it form any part of the boundary line between the state of Iowa and the state of Illinois. It lies wholly within the state of Iowa and is a part of the waters of the state.

In *State v. Haug*, 95 Iowa, 413, it is said that the words "from any waters of the state", as used in section 2540 and other sections of the fish and game act, definitely cover all waters lying wholly within this state, and that the provisions of section 2547 of the code exempt from the operation of the fish and game act only the boundary waters of the state over which the state has not exclusive jurisdiction.

In that case it is said by the learned judge who wrote the opinion:

"We think that the Mississippi river which is excluded from the provision of the act, includes only that body or stream of water which is popularly known as such river; that the wording of section 11 of the act indicates that it was the Mississippi river which constitutes the boundary line of the state, which the legislature had in mind. Again, we may look to the evil sought to be remedied by this legislation. The purpose was to prevent the wanton and unnecessary destruction of fish in the waters over which the state had exclusive jurisdiction; to preserve the fish in said waters for the use of the people of the state. If it be true that these lakes and streams which, though connected with the main body of water known as the Mississippi river, yet form no part of the river proper, are not waters in which seining is prohibited, then the legislation falls far short of remedying the evil which existed, and these waters of the state, which we are justified from the evidence in this case in saying constitute the most valuable fishing grounds in the state, may be despoiled in this wholesale way of their wealth of fish without let or hindrance."

The conclusion of the learned judge who wrote the opinion in *State v. Haug* applies with full force to the conditions existing as to Zollicoffer Lake. As has been suggested, it is a bayou or lake connected with the main body of the Mississippi river, but forming no part of the

river proper. The fact that it was meandered by the government survey does not change its character. It is an inland body of water wholly within the jurisdiction of the state of Iowa.

A question very similar to the one under consideration arose in the case of the *State v. Blount*, 85 Mo., 543. The fish law of Missouri is almost identical in its provisions with that of our own state and it was claimed in that case on the part of the defendant that a certain bayou extending from a lake connected with the Mississippi river was private water from which he had the right to take fish at any season of the year. In determining whether the bayou in question was a part of the waters of the state of Missouri, the supreme court of that state said:

“That the bayou in question falls within the definition above given of waters of the state, seems to us to be too clear for argument. Bayous are designated by name as being ‘waters of the state’, and as the bayou in question is not wholly on the premises belonging to defendant, he is not protected by the proviso contained in section 1625 supra.”

It is true that the meaning of the phrase “waters of the state”, used in the Missouri statute, has been defined by the legislature of that state, and declared to mean all streams, lakes, ponds, sloughs, bayous or other waters wholly or in part within the state, excepting the Mississippi and Missouri rivers, and all such parts of said rivers as shall be within five hundred feet of the mouth of any creek, river, branch, slough, bayou or other water emptying into or connected with said rivers within or on the boundary lines of the state. The definition given the phrase by the Missouri legislature adds little to it, as such phrase must necessarily mean, wherever used in the statute, all streams, lakes, ponds, bayous and other waters wholly or in part within the state, excepting such rivers as form a part of its boundaries.

It seems to me clear, therefore, that Zollicoffer Lake must be held to be waters of the state to which the provisions of section 2540 of the code are applicable, and that any person taking fish from such lake at any other time or in any other manner than that permitted by the statute, is doing so in violation of law.

Yours very truly,

CHAS. W. MULLAN.

ELECTIONS—QUALIFIED ELECTORS DEFINED—A woman is a qualified elector at any municipal election in this state when the question of increasing taxes within the corporation is submitted to the voters.

Des Moines, July 5, 1904.

MR. W. M. HUMPHREY,
Lake City, Iowa.

DEAR SIR—Your favor of the 28th ultimo came to hand several days ago, but extreme pressure of business has prevented my answering the same before.

While I doubt the propriety of my expressing an official opinion in relation to the matter concerning which you write, I will make this suggestion: That the words "qualified electors", as used in section 2 of chapter 114 of the acts of the thirtieth general assembly, should be construed to include women who are entitled to vote at the class of elections therein referred to. While women are not qualified electors in the sense of having the right to vote for persons who are candidates for elective offices, they undoubtedly have the right to vote upon the question of increasing taxes in municipal corporations where that right is given by statute; and where a petition is required to be signed by a majority of the qualified electors of an independent school district, to be filed with the president of the board of directors, asking that an election be

called for the purpose of voting upon the matter considered by the for schoolhouse purposes, the words "qualified" by the must be held to include women who are entitled to the election. It is the dictation of

Yours very truly,
CHAS. W. MULLER
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sions

INTOXICATING LIQUORS—TAXATION OF COSTS IN PROCEEDINGS TO SEIZE AND CONDEMN SAME—When intoxicating liquors are seized and proceedings instituted for their condemnation, no judgment can be entered for costs against any person who does not appear and make claim to any part of the liquor sought to be condemned.

Des Moines, July 13, 1904.

HON. D. H. MILLER,
Adel, Iowa.

DEAR SIR—I am in receipt of your favor of the 11th instant, and in reply will say that I know of no case in which the supreme court of this state has construed the provisions of section 2415 of the code relating to the taxing of costs against a person named in a notice where intoxicating liquors are seized and proceedings prosecuted for the condemnation thereof. I think, however, the language of the statute is conclusive upon the question, and that there can be but one construction placed upon it.

The section provides that in the event of the seizure of intoxicating liquors under a warrant, the officer who seizes the same shall forthwith make return of his acts to the justice of the peace who issued the warrant. The justice shall, within forty-eight hours thereafter, cause to be left at the place where the liquor was seized, and posted in some conspicuous place, and also to be left with or at the last known and usual place of residence of the person named or described in the information as the owner of such liquor, a notice summoning such person and all other persons

It seems + it may concern to appear before the justice at the must be held and place named, and show cause, if any they have, sions of s such liquor, together with the vessels in which the any person is contained, should not be forfeited and destroyed. or in a The statute then further provides that if any person is doing all so appear he shall become a party defendant in the case, and the justice shall make a record thereof, and the person so appearing and being made a party defendant shall then make written plea that said liquor or a part thereof claimed by him was not owned or kept with intent to be sold in violation of law.

The proceedings in the trial shall be substantially the same as in cases of misdemeanor triable before justices of the peace. If no person appears in the manner prescribed by the statute, and no one is made a party defendant in the manner therein prescribed, or if judgment be in favor of all of the defendants who appear and are made such, then the costs of the proceedings shall be paid as in ordinary criminal prosecutions where the prosecution fails.

The effect of this statute is that no judgment can be entered for costs against any person who does not appear and make a claim to any part of the liquor sought to be condemned. Unless some one appears and submits himself to the jurisdiction of the court in which the proceedings are had, such court has no jurisdiction to enter a judgment for costs, as the action is not a civil proceeding, jurisdiction of which is conferred by the service of the original notice; nor is it such a criminal proceeding as brings any person before the court by any process which gives jurisdiction to enter a judgment for costs against him.

The proceeding is *in rem* and not *in personam*, and unless some person claiming the liquors voluntarily subjects himself to the jurisdiction of the court by appearing therein in the manner prescribed by section 2415, the costs must be paid as in ordinary criminal prosecutions where the prosecution fails.

I am,

Yours very truly,

CHAS. W. MULLAN.

CITY OR TOWN PLAT—SUBDIVISION OF PLAT INTO BLOCKS—

A city council is under no obligation to approve a plat of additions to any city or town, unless such plat complies with the provisions of the law.

Des Moines, July 18, 1904.

MR. I. H. TOMLINSON,
Albia, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 7th instant. While the matter concerning which you write is not one upon which I can express an official opinion, unless the question should be referred to me by one of the departments of the state, I will suggest that the provisions of section 916 of the code define the duties of the person platting an addition to a city or town, and those of the city or town council as to accepting the plat of such addition.

The section provides:

“All plats of additions to any city or town, or subdivisions of any part or parcel of lands lying within or adjacent to such city or town, shall be subdivided by streets into blocks with alleys separating abutting blocks. * * *

It is further provided in such section:

“If it is found that such plat conforms to the provisions hereof, the council shall direct the mayor and clerk to certify its resolution of approval, etc. * * *”

Under these provisions the plat must comply with the requirements of the section as to streets, blocks and alleys, and no duty rests upon the city council to approve the plat, unless it complies with the provisions of section 916.

Yours very truly,

CHAS. W. MULLAN.

MUNICIPAL INDEBTEDNESS—CONSTITUTIONAL AND STATUTORY LIMITATIONS THEREON—CONSTRUCTION OF WATER WORKS BY CITY.

Des Moines, August 29, 1904.

MR. F. R. CROCKER,
Chariton, Iowa.

DEAR SIR—I am in receipt of your favor of the 27th instant in which you ask whether the city of Chariton can issue and sell bonds for water works purposes to the extent of two and one-half per cent of the full valuation of property within the city limits, and this in addition to any other indebtedness outstanding against the city which is not for water works purposes.

Chapter 43 of the acts of the 30th general assembly provides that incorporated towns and cities of the second class, for the purpose of erecting or purchasing water works and a system of sewers, may become indebted for said purpose to an amount aggregating with all other indebtedness of such incorporated town or city, in a sum not exceeding two and one-half per cent of the actual value of the property within the said city or town.

Section 1306-b of the supplement of the code provides that no political or municipal corporation including cities acting under such charters shall be allowed to become indebted in any manner or for any purpose, to an amount

in the aggregate exceeding one and one-fourth per cent of the actual value of the property within such corporation to be ascertained by the last state and county tax list previous to the incurring of such indebtedness.

The act of the 30th general assembly referred to above, further provides that before any municipal indebtedness for the purpose of erecting or purchasing water works, etc., may be lawfully contracted in excess of one and one-fourth percentum of the actual value of taxable property within said limits, a petition signed by a majority of the qualified electors of said city or town shall be filed with the council of such city or town asking that an election shall be called, stating the purposes for which the money is to be used and the fact that the necessary water works, etc., cannot be purchased or built and furnished within the limit of one and one-fourth percent of the valuation.

Section 3 of said act provides for notice of such election fixing the time and place thereof, etc. Section 4 provides that if two-thirds or more of all the electors voting at such election vote in favor of the issuance of such bonds, the council of such city or town may then issue the same and make provisions for their payment as provided by sections 2812 and 2813 of the code.

The legislature has thus restricted the power of a municipal corporation in providing for its water works, and if these provisions are complied with, your council would have the right to either purchase or erect and maintain a system of water works and may issue bonds of the city therefor, subject to the limitation of the indebtedness of municipal corporations.

Section 3 of article II of the constitution of the state provides that no municipal corporation may become indebted in any manner or for any purpose to an amount in the aggregate exceeding five percentum of the value of taxable property within such corporation, to be ascertained by the last state or county tax list previous to incurring such indebtedness.

Some doubt has arisen and varying opinions have been given as to the meaning of the phrase "of the value of taxable property" within such corporation. Our supreme court has not given an interpretation to this language. The law in force at the time of the adoption of this constitutional provision contemplated that all property not exempt from taxation within the state, should be assessed at its actual cash value. The limit fixed by the constitution was intended to apply to the actual value of the property as shown by the tax lists, which were supposed to set forth such value.

The code of 1897 changed the method of making assessments of taxable property requiring that the actual value of the property be stated in the tax lists and fixes the taxable value thereof at twenty-five per cent of such actual cash value. This provision of the legislature does not change the application of the provision of the constitution which was intended to apply to the actual value of the property, and not to the value at which it is assessed under the present law.

It is my opinion, therefore, that the constitutional limitation of indebtedness is based upon the actual value as it appears in the tax lists.

Construing the provisions of the code above noted and the constitutional limitation of indebtedness upon municipal corporations, it appears from your statement of the actual and assessed valuation of property within your city and the present outstanding indebtedness, that you are in a position to erect and maintain a system of water works and to issue bonds therefor.

Yours very truly,

LAWRENCE DEGRAFF.

TAXATION—TELEPHONE AND TELEGRAPH LINES—FILING OF MAP WITH COUNTY AUDITOR—It is held that the maps required to be filed by telephone or telegraph companies operating lines within the state, shall show the mileage it has in all taxing districts in the county, including school districts.

Des Moines, August 30, 1904.

MARSH W. BAILEY,
County Attorney,
Washington, Iowa.

DEAR SIR—I am in receipt of your favor of the 27th instant asking for an opinion on the provisions of chapter 49 acts of the 30th general assembly. This act substantially requires that on or before the first day of August, 1904, each telephone or telegraph company owning or operating a telephone or telegraph line within the state, shall file with the several county auditors of the counties within which any part of its line is located, a map drawn to a certain scale of all its lines within said county, except within any platted city or town, for which a statement shall be filed showing the length of pole line in each taxing district. The map of any line situated upon any highway or street, which is the dividing line between taxing districts, shall show on which side of said street said line is situated, and shall locate all points at which said line may cross said street or highway.

On or before the first day of March, 1905, and annually thereafter, like maps, statements or certificates shall be filed with the several county auditors in counties in which any part of said lines may have been extended, constructed, re-located or abandoned during the preceding calendar year.

In the proviso of section 1, county auditors of the several counties shall upon application of any such company, furnish a map or maps accurately showing the boundaries of all taxing districts in said county and public highways located within such taxing districts.

Section 2 of said act provides that in the event of the failure or refusal of any such company, whose lines are not situated upon the right of way of a railway, to file the map required by section 1 at the time and according to the conditions named, then the county auditor shall have such map prepared and the costs shall be taxed to said company and become a lien upon its property.

The tax contemplated in this act is uniform throughout the township or school district and is entered upon the tax list as a consolidated tax. The plain intent of the legislature is, and the language of the act contemplates, that the maps required to be filed shall show all taxing districts in said county which would include school districts as well as townships. The school district is a taxing district and the proviso of section 1 of this act intends that county auditors, upon the application of any company owning or operating telephone or telegraph lines, shall furnish a map or maps showing the boundaries of all taxing districts in said county. It certainly was intended that the maps to be provided by the county auditors upon application of the respective companies should be the maps which the statute contemplated should be filed by such companies.

Construing the statutory enactment as a whole I have reached the conclusion that the telephone company in question should certify the mileage it has in each school district and the map should show such district lines.

Yours very truly,

LAWRENCE DEGRAFF.

PEDDLERS—CHAPTER 48 ACTS OF THE THIRTIETH GENERAL ASSEMBLY CONSTRUED—The law governing the vocation of peddlers does not apply to persons selling at whole-sale to merchants.

Des Moines, September 7, 1904.

MR. C. L. WATROUS,
Des Moines, Iowa.

DEAR SIR—Several inquiries have come to this office relative to the constitutionality and intent of the law governing the vocation of peddlers, chapter 48 acts of the thirtieth general assembly.

This office has refrained from giving any opinion on this particular chapter preferring to allow a test case to be brought wherein the mooted points might be determined by a court of competent jurisdiction. So far as the question raised by you is concerned, the language of section 1 makes it apparent that the provisions do not apply to persons selling at wholesale to merchants.

I respectfully direct your attention to the following cases in which the term "peddler" has received consideration of our supreme court:

City of Stuart v. Cunningham, 88 Iowa, 191;

City of Davenport v. Rice, 75 Iowa, 74;

Thomas Spencer v. Whiting, 68 Iowa, 678.

It will be noticed, however, that the word "peddler" has been given a meaning which is much more comprehensive than indicated by the definitions under the above cases.

Yours very truly,
LAWRENCE DEGRAFF.

LOCAL REGISTRARS OF VITAL STATISTICS—CHAPTER 100 ACTS OF THE THIRTIETH GENERAL ASSEMBLY CONSTRUED—The law contemplates that a burial permit shall be issued by the local registrar of the township, village or city in which the death occurs, and not where the body is buried or otherwise disposed of.

Des Moines, September 7, 1904.

MR. S. M. AINSWORTH,
Arlington, Iowa.

DEAR SIR—Your favor of the 2d instant received and in reply to your question relative to chapter 100 acts of the thirtieth general assembly, I will submit the following answer:

Section 2 of this chapter makes the health officers of cities and the clerks of townships the local registrars of vital statistics. "Cities" would include cities of the first or second class and incorporated towns.

Section 2568 of the code provides for the constitution of a local board of health within towns, cities and townships. It further provides that this board shall appoint a competent physician as its health officer.

Construing this section with section 2 of chapter 100 of the acts of the last general assembly, it is apparent that the health officers of cities and towns and the clerks of townships shall constitute the local registrars of vital statistics.

Section 3 of the above chapter makes it incumbent upon the undertaker or person in charge of the funeral of any person dying in Iowa, to issue a certificate of death to be filled out with the personal particulars contained in the standard blank adopted by the United States census; and in addition thereto, a statement of the cause of death by the attending physician and in his absence, by the health

officer or coroner. This is to be filed with the local registrar (as defined in section 2) and must be done before the body is interred or otherwise disposed of, or removed from the township, village or city in which the death occurred.

The act contemplates that the burial permit shall be issued by the local registrar of the township, village or city in which the death occurs, and not where the body is buried or otherwise disposed of.

The language of this act is plain and to my mind hardly requires interpretation.

Yours very truly,
LAWRENCE DEGRAFF.

DEPUTY REGISTRAR OF VITAL STATISTICS—COMPENSATION
OF—The law makes no provision for the payment of
any fees or salary to a deputy registrar.

Des Moines, September 10, 1904.

DR. G. J. MACK,
Waterloo, Iowa.

DEAR SIR—Your letter of the 8th instant received in which you ask whether a deputy registrar of vital statistics is entitled to compensation for services rendered.

Chapter 100 acts of the thirtieth general assembly is an act additional to chapter 16 title 12 relating to the state board of health. Section 2 of this act provides that the local registrar shall at once upon his election or appointment, appoint a deputy registrar, subject to the approval of the state board of health, who shall act as registrar in case of his absence, illness or other disqualification.

Section 2568 of the code provides that the mayor and council of each town or city or the trustees of any township shall constitute the local board of health within their

respective jurisdictions. This board has power to appoint a competent physician as health officer and by section 1 of chapter 100 referred to above, such person acts as local registrar of vital statistics.

Section 2568 further provides that the local board of health shall regulate the fees and charges of persons employed by it in the execution of health laws and its own regulations and those of the state board of health.

Section 6 of the amendment provides for certain fees to be paid local registrars out of the county fund and in the proviso of said section, city registrars of cities having a population of ten thousand or more, shall receive no special compensation other than that included in their salaries for acting as registrars under this act.

An examination of the provisions of the code leads me to the conclusion that there is no authority or warrant under the statute for the payment of any fees or salary to a deputy registrar. It seems that whatever he receives must be the voluntary act of the local registrar by a division of the compensation received by him.

Yours very truly,

LAWRENCE DEGRAFF.

STATE LEGISLATURE—VACANCY IN OFFICE—A permanent removal by an incumbent in office from the political division in and for which he was elected, is in effect a resignation and creates a vacancy in said office.

Des Moines, September 15, 1904.

HON. G. R. WHITMER,
Primghar, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 3d instant. In reply will say that section 4 of article 3 of the constitution of the state provides:

“No person shall be a member of the house or representatives who shall not have attained the age of twenty-one years, be a male citizen of the United

States, and shall have been an inhabitant of this state one year next preceding his election, and at the time of his election shall have had an actual residence of sixty days in the county or district he may be chosen to represent."

The construction which has been universally placed upon a provision of this character in the various state constitutions is that where an incumbent before the expiration of his term of office removes from the political division in and for which he was elected to perform the duties of his office, such removal, without more is a resignation of the office, which he holds. You were elected as representative from O'Brien county. The provisions of the constitution require that you be a resident of that county to be eligible to hold the office. A permanent removal therefrom by you is in effect a resignation of the office which you hold.

I am,

Yours very truly,

CHAS. W. MULLAN.

REGISTRATION OF VOTERS—A complete new registration of voters is required by law in the year of each presidential election.

Des Moines, October 3, 1904.

MR. S. M. GREENE,
Chariton, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 1st instant.

It is my understanding that there must be a complete, new registration of voters made on the year of each presidential election, under the provisions of section 1084 of the code. Section 1081 provides that no person shall be admitted to registry unless he appears in person, except as provided in chapter 2 of title VI of the code. The exception provided for is that for all state or municipal

elections, general or special, the names of the voters may be placed in the registry book by the registers, by copying from the poll book of the preceding general election all the names found therein, and adding thereto those of all persons registered and voting at any subsequent election. But at the time of each presidential election the use of the registry book prepared in that manner is not permissible, and there must be a complete new registration of the voters at that time.

I am,

Yours very truly,

CHAS. W. MULLAN.

INCOMPATIBLE OFFICES—It is held that a member of a board of directors of a school district is ineligible to the office of treasurer of said district.

Des Moines, October 3, 1904.

MR. W. T. EVANS,
Parkersburg, Iowa.

DEAR SIR—I am in receipt of your favor of the 30th ultimo. While the matter concerning which you write is not one upon which I can express an official opinion, unless the same should be referred to me by one of the departments of the state, I will make the following suggestions:

Section 2757 of the code makes every member of the board of directors of a school district ineligible to election to the office of treasurer of the district, and an election of a member of such board to that office, although he may afterward resign for the purpose of accepting the office of treasurer, is an illegal and invalid election, and the person elected is not entitled to hold the office.

If, however, he qualifies and gives bond and enters upon the duties of the office after such an election, he thereby becomes an officer *de facto*, and his acts, so far as they pertain to the duties of the office, are valid; and if no

action is begun for the purpose of determining his right to hold the office, and to oust him therefrom, he may legally perform all of the duties of the office, and a receipt from him to the former treasurer for the funds of the district would undoubtedly discharge and release the former treasurer from any liability for such funds.

I am,

Yours very truly,

CHAS. W. MULLAN.

FISH AND GAME—The American coot or mud hen is not a game bird within the meaning of the law.

Des Moines, October 12, 1904.

HON. GEO. A. LINCOLN,
Cedar Rapids, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 9th instant.

Without going into the question at length as to what birds are protected under the game laws of the state, I will say that an examination of the statute relating to the protection of game birds leads me to the conclusion that the American coot, commonly known as a mud hen, is not protected by the laws of the state. The statute specifically names all of the birds which are protected by law, and any reference to game birds in any other part of the statute necessarily refers to those which are named. The coot is not specifically named or protected by statute, and would not, therefore, fall within the designation of a game bird. I am,

Yours very truly,

CHAS. W. MULLAN.

TAXATION—JURISDICTION OF TOWNSHIP TRUSTEES—Property within the corporate limits of the city is not subject to taxation by the township trustees for highway purposes.

Des Moines, October 14, 1904.

MR. L. A. HAUGE,

Forest City, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 13th instant, and while the matter concerning which you write is not one upon which I can express an official opinion, unless the same should be referred to me by one of the departments of the state, and is strictly within the jurisdiction of your county attorney, who is by law your legal adviser, I will suggest that it is held in *Marks v. Woodbury County*, 47 Iowa, 452, and in *Hawley v. Hoops*, 12 Iowa, 506, that property within the corporate limits of a city is not subject to taxation by the township trustees for highway purposes; and that such trustees cannot include an incorporated town in a road district is held in *Clark v. Epworth*, 56 Iowa, 462.

The cases of *Marks v. Woodbury* and *Hawley v. Hoops*, were decided under a statute which included incorporated towns as well as cities, placing them both upon the same footing so far as the power of township trustees to levy and collect road taxes within the corporate limits, and I think are conclusive as to the right of trustees to levy and collect taxes within the corporate limits of a town.

I am,

Yours very truly,

CHAS. W. MULLAN.

FIRE LIMITS—POLICE POWER OF CITIES AND TOWNS—A city has the right to establish fire limits and to prevent the erection of wooden buildings therein.

Des Moines, October 17, 1904.

MR. S. H. BALDWIN,
Grundy Center, Iowa.

DEAR SIR—I am in receipt of your favor of the 8th instant, and in reply will say that while the matter concerning which you write is not one upon which I can express an official opinion, unless the same should be referred to me by one of the departments of the state, I will suggest that it is within the general police power of cities and towns to provide for the safety of their inhabitants and the destruction of property by fire, to establish fire limits and to prevent the erection of wooden buildings therein. That such an ordinance is not a violation of the constitution of the United States or the constitution of the state, and if properly passed by the city council it is valid and can be enforced. As sustaining these views I call your attention to Dillon on Municipal Corporations, sections 143 and 405; and also the cases of *Louisville v. Webster*, 108 Ill., 414; *Ex parte Fiske*, 72 Cal., 125; *Klingler v. Bickel*, 117 Pa. St., 326; *Fields v. Stokley*, 99 Pa. St., 306.

The right of cities to establish fire limits and to prevent the erection of wooden structures therein is recognized by our supreme court in *Lemmon v. Guthrie Center*, 113 Iowa, 36.

Yours very truly,
CHAS. W. MULLAN.

MEANDERED LAKES AND LAKE BEDS—HISTORICAL REVIEW
OF THE SUBJECT.

Des Moines, October 21, 1904.

HON. JOHN HAMMILL,
Britt, Iowa.

DEAR SIR—Replying to your letter of October 14th, I submit the following proposition as to the title of the state to the lakes and lake beds in Iowa for use in the case of the *State v. Ole Thompson*.

The state of Iowa in its sovereign capacity is the owner of all meandered lakes, lake beds and beds of meandered streams within the state, and its title thereto does not depend upon any act of Congress or grant from the general government. Its title to such lakes, lake beds and beds of streams was acquired in the following manner:

At the time of the formation of the government of the United States, it neither owned nor held any lands whatever under its right of sovereignty. All lands which then became a part of the United States territory were owned, either by the states whose union formed the government, or by private individuals. All lands and all rights which the general government thereafter acquired in what has been generally known as the public domain, came through deeds of cession from some of the original thirteen states, or through treaties with other nations afterward negotiated by the general government.

Virginia was the first state to cede its unoccupied lands to the United States, and its deed of cession was afterwards used as a model by other states in ceding to the government lands to which they claimed title.

One of the rights of sovereignty possessed by the original thirteen states was the title to all the waters within the state and the soil underneath the same. This title included all lakes, lake beds and streams and beds of streams which had been excluded from the public survey made by such states.

One of the provisions of the deed of cession made by Virginia to the government in 1780, under which the lands claimed by that state northwest of the Ohio river were ceded, was that the United States accepted that territory subject to the terms and conditions that the territory so ceded should be laid out and formed into states containing a suitable extent of territory not less than one hundred or more than one hundred and fifty miles square, but as near thereto as circumstances would permit, and that the states so formed should be distinct republican states and admitted members of the federal Union, with the same rights of sovereignty, freedom and independence as the original thirteen states.

The territory now embraced within the boundaries of the State of Iowa was acquired by the United States by the treaty with France negotiated on the 30th day of April, 1803. Article III of that treaty provides:

"The inhabitants of the ceded territory shall be incorporated into the Union of the United States and admitted as soon as possible, according to the principles of the federal constitution, to the enjoyment of all the rights, advantages and immunities of citizens of the United States."

The act of Congress of December 28, 1846, by which Iowa was admitted into the Union provided:

"That the State of Iowa shall be one, and is hereby declared to be one, of the United States of America, and admitted into the Union upon an equal footing with the original states in all respects whatsoever."

Under this treaty and the act of Congress admitting Iowa into the Union, she came in upon an equal footing with the original thirteen states in every particular, and at once acquired in her sovereign right the title to all meandered lakes, lake beds and beds of meandered streams. The fact that such lakes, lake beds and streams were not then surveyed or meandered in no wise could or did change the title of the state thereto. The survey

was simply the means by which the government ascertained the public lands which belonged to it under the treaty with France, and the lakes, lake beds and streams which belonged to the state under such treaty and the act of congress.

This view is taken by the court in *Rood v. Wallace*, 109 Iowa, 8, where it is said:

"We are quite ready to assume as a general proposition that the title to all lake beds in the state, especially those of navigable lakes, is in the state, and that the general government never had any control or ownership thereof. Indeed this seems to be the almost unbroken voice of authority." Citing a large number of cases in support of the statement made by the court.

The lake in question in Hancock county, therefore, is the property of the state, both as to the water contained therein and the land underneath the water. The state has the absolute right to prevent any destruction thereof, the same as it would have the right to prevent the destruction of other property owned by it.

I would suggest, however, that you first show that the lake is a meandered lake and was excluded as such from the public lands by the government survey. When that fact is established it is proof of the ownership of the lake in the state. The other evidence in the case must necessarily be of a local character and directed to the acts of the defendants in attempting to cut a ditch by which such lake would be drained, and to thus injure and destroy the property belonging to the state. It is and has been for several years past the policy of the state, as declared by its courts and by its executive council, to maintain and preserve all of the lakes within the state for the benefit of the general public, and the action brought against Mr. Thompson to prevent him from destroying such lake is in the line of the policy adopted by the state.

In closing I beg to say that I think you will have no serious difficulty in maintaining and proving your case against Mr. Thompson, and in having your injunction made permanent.

I am,

Yours very truly,

CHAS. W. MULLAN.

PRACTICE OF PHARMACY—OWNERSHIP OF PRESCRIPTIONS—A pharmacist is entitled to retain a prescription after same has been filled and the medicine delivered to the customer.

Des Moines, November 25, 1904.

MR. H. C. BECKMAN,
Sibley, Iowa.

DEAR SIR—Your favor of the 16th instant received in which you ask my opinion as to the respective rights of the physician, patient and pharmacist to prescriptions placed on file by the pharmacist.

As a rule the patient pays or agrees to pay the physician for the prescription and upon the delivery of the same to the patient, it becomes his property. That the physician loses all control over and right to it is quite clear. A prescription is seldom addressed to any particular pharmacist, but if it should be so addressed, the patient would be at liberty to take it to any one to be filled, and such person would have the undoubted right to fill it. It is the property of the patient and does not cease to be his property on delivery of the same to the pharmacist. He certainly has the right to have it filled, or if desired, refilled. So much is clearly implied from the transaction.

On the other hand, the pharmacist acquires rights which must be respected. After the prescription has been filled and the medicine delivered to the customer,

the pharmacist is entitled to retain the prescription for his own protection. If charged with a mistake that was the physician's, and not his, the original prescription might be his only protection. The patient, however, is entitled to the full enjoyment of his property except such as he surrenders to the pharmacist from the nature of the transaction. No reason can be perceived why a patient should not be entitled to a copy of the prescription for future use. Such a demand would be reasonable and it seems to me, should be complied with when made. Indeed, it is an open question whether his right to the original prescription is not equal with that of the pharmacist.

In the case of *Stewart Drug Company v. Hirsh*, 50 S. W., 583, the court had occasion to pass upon the right of the druggist to transfer the prescriptions then on file to a third person. The court said:

"Evidence was heard by the court, very properly we think, to explain the relation of druggists to the prescriptions left with them. There was testimony tending to show that there was a qualified right to the use of the prescription in the person depositing it, if asserted; but otherwise as between a druggist and a third person, the druggist was entitled to them. This was in effect the conclusion of the trial judge. That they were of value to the druggist is amply shown. We are of opinion that upon a conversion of such property, the druggist himself would not have been restricted to an action for the specific property, but could have recovered for the value thereof. He had a right of property in the prescriptions and any such rights are transferable in this state."

Trusting that the above may assist you in determining your rights in the premises, I remain,

Yours very truly,

LAWRENCE DEGRAFF.

JUSTICE OF THE PEACE—CERTIFICATION OF TRANSCRIPT TO COUNTY AUDITOR—It is the duty of the board of supervisors to examine the transcript filed by a justice of the peace and authorize by resolution the payment from the county treasury of such fees as are found due.

Des Moines, November 28, 1904.

J. W. ALLFREE, *Esq.*,
Newton, Iowa.

DEAR SIR—Your favor of the 26th instant received relative to the certification of fees in state cases by justices of the peace under section 4599 of the code. This section provides that the fees contemplated in sections 4597 and 4598 in criminal cases shall be audited and paid out of the county treasury upon the order of the board of supervisors.

In any state case brought before a justice of the peace, the fees to which the justice is entitled, the constable's fees, and the fees of witnesses shall be certified by a transcript of the justice to the auditor of the county in which the jurisdiction of the justice extends. The said transcript being filed with the auditor, it is the duty of the board of supervisors to examine same and when found to be correct, authorize by resolution the payment of such sum from the county treasury as is found due. The clerk of the district court has nothing to do with the filing of such transcript or the payment of such fees. This is true whether or not an appeal has been taken from the judgment of the justice court.

In any appeal case of a criminal nature the transcript of the justice filed with the clerk should show the fees in the case, paid or unpaid; but this does not do away with the necessity of certifying the fees to which the justice court is entitled, and it would be as necessary for him to make affidavit and file with the auditor in order to claim such fees as though no appeal was taken.

The board of supervisors has no authority to make any rule or pass any resolution which would contravene a statutory requirement.

Yours very truly,
LAWRENCE DEGRAFF.

COUNTY TREASURER—CERTIFICATION AS TO TAXES AND
ASSESSMENTS DUE ON ANY PARCEL OF REAL ESTATE. Code
sections 1393 and 1396 distinguished.

Des Moines, November 29, 1904.

MR. G. G. SHANAFELT,
Sigourney, Iowa.

DEAR SIR—Your favor of the 26th instant received asking for an opinion on the interpretation of code provisions 1393 and 1396.

Section 1393 provides that any person having an interest in any parcel of real estate may request the county treasurer to certify in writing the entire amount of taxes and assessments due thereon, together with all sales of same for unpaid taxes or assessments as shown by the books in his office, with the amount required for redemption from the same if still redeemable. The treasurer is not bound to make such certificate until he is paid or tendered his fees for same at the rate of 50 cents for the first parcel in each township, town or city and ten cents for each subsequent parcel in the same township, town or city. In computing such fees each description in the tax list shall be considered a parcel.

Section 1396 provides that any person may apply by letter to the treasurer for information concerning the amount and interest of unpaid taxes and of any tax sales upon any real estate as shown upon the tax lists in his office. The treasurer is not bound to give this information unless accompanying the letter the applicant sends thirty cents in postage stamps or money and ten cents

additional for each tract of 160 acres in excess of 320 acres and in no case can the fee exceed fifty cents. The primary distinction between the two sections quoted above is that in the former case the county treasurer issues to a person having an interest in the real estate in question, a certificate, which together with the auditor's certificate of redemption from the tax sales therein mentioned, is conclusive evidence for all purposes and against all persons that the parcel of real estate in said certificate and receipt described, was at the date thereof free and clear of all taxes and assessments, etc. While under the latter section any person whether he has an interest in the real estate or not may secure the information upon payment of the fee provided for in said section.

Section 1393 provides for the issuing of a certificate of taxes due, while section 1396 has reference wholly to information as to taxes due.

I am not sufficiently informed by your letter whether the mortgagee desires information as to taxes due or a certificate as contemplated by section 1393. The question involved should find easy solution. The two sections of the code are radically different and the fees to which your office is entitled should be determined by the facts in the case.

Yours very truly,
LAWRENCE DEGRAFF.

INEBRIATES—Any person accused of being an inebriate has the right to demand a trial by jury.

Des Moines, December 9, 1904.

HON. SYLVESTER FLYNN,
Eagle Grove, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 8th instant. In reply I will call your

attention to the provisions of sections 7 and 8 of chapter 80 of the laws of the thirtieth general assembly.

Section 7 provides that when the person accused of being an inebriate, etc., is brought before the judge of the district court for examination, the judge shall, upon his appearance, unless the person accused demands a formal trial, hear any evidence which may be adduced touching the accusation.

The next section provides that if the accused demands a formal trial, the judge shall continue the hearing to the next term of the district court, or if the court be in session the case shall be transferred to it and in either case the cause shall be docketed and tried as a civil action.

The provisions of these sections undoubtedly give the accused a right to demand a trial by jury, and if such demand is made the cause must be tried as a civil action.

I am,

Yours very truly,

CHAS. W. MULLAN.

DAMS—MAINTENANCE OF FISHWAY—Every person constructing a dam across any stream in this state must provide a fishway and maintain it during the existence of the dam.

Des Moines, December 16, 1904.

HON. GEO. A. LINCOLN,
Cedar Rapids, Iowa.

DEAR SIR—Replying to your favor of the 7th instant, will say, without going into the matter at length, that it is my understanding that under the provisions of section 2548 of the code, it is the duty of every person or corporation maintaining a dam across any stream in the state, to provide such dam with a fishway, and to maintain such fishway during the existence of the dam.

If the fishway is destroyed by high water, ice or other causes, it is the duty of the owner of the dam to replace the same within a reasonable time; and if he fails to do so, he may be punished under the provisions of the section referred to, or the dam may be declared a nuisance by a proper action. I am,

Yours very truly,

CHAS. W. MULLAN.

FOREIGN CORPORATION—RIGHT TO ADMINISTER UPON ESTATES OR TRUSTS—A foreign corporation may not act as executor, administrator or guardian in this state.

Des Moines, December 28, 1904.

MR. DWIGHT F. DOWNING,
Oskaloosa, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 23d instant.

I rather doubt the propriety of my expressing an opinion as to the correct construction of section 1637 of the code so far as it relates to foreign corporations, unless the question involved should come to me from one of the departments of the state. I will, however, make these suggestions:

(1). It may well be doubted whether any foreign corporation, no matter how organized, has the right under section 1637 to act as executor, administrator or guardian in this state, as such trusts are personal in their character, and the executor, administrator or guardian must necessarily be within the jurisdiction of the court by which he is appointed, and at all times subject to any order or decree of such court.

(2). Such companies could probably act as trustee of certain express trusts under the provisions of section 1637, though I doubt their power to act as trustee in all cases.

(3). I call your attention to sections 359, 360, 361, 362 and 363 of the code which relate to the right of such companies to become sureties on bonds within this state. The conditions of these sections must be complied with before such companies are entitled to become sureties on bonds.

I am,

Yours very truly,

CHAS. W. MULLAN.

PUBLIC SCHOOL—USE OF BUILDING—The board of directors may in its discretion permit religious services to be held in the schoolhouse.

Des Moines, January 9, 1905.

REV. SAMUEL KNOER,
Nemaha, Iowa.

DEAR SIR—The right to determine the use of a public schoolhouse is vested by law in the board of directors of the district in which the house is located, and the board may in its discretion permit religious services to be held in the schoolhouse or may exclude the same therefrom.

I am,

Yours very truly,

CHAS. W. MULLAN.

IOWA STATE COLLEGE OF AGRICULTURE—GRANT OF LANDS to—Funds arising from the sale of lands in Iowa granted to the Iowa State College of Agriculture and Mechanic Arts, must be invested in securities named in the act of congress, and constitute a permanent fund.

Des Moines, January 14, 1905.

MR. C. F. CURTISS,

Iowa State College of Agriculture and Mechanic Arts,

Ames, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 12th instant.

The act of congress, under which the lands in Iowa were granted to the Iowa State College of Agriculture and Mechanic Arts, provides that the funds arising from the sale of such lands shall be invested in the securities named in the act of congress and constitute a perpetual fund, the capital of which shall remain forever undiminished, except that an amount not exceeding ten per cent may be expended for the purchase of lands for sites or experimental farms whenever authorized by the legislature.

The land referred to in your letter undoubtedly falls within the provisions of the original grant, and I doubt the authority of the trustees of the College to exchange such tract of land for a tract adjoining the College farm, which I assume is to be used as a part of such farm, without the direct authority of the legislature. Such exchange of land would in effect be equivalent to a sale of the land in Polk county, and a purchase of other land near the College, to be used in connection with it, with the money obtained from the sale of the Polk county

land. Such a transaction under the act of congress is only permissible when authorized by the state legislature, and then only to an amount not exceeding ten per cent of the total fund derived from the sale of the lands granted by the general government.

Very respectfully yours,

CHAS. W. MULLAN.

INTOXICATING LIQUORS—SALE OF BY PARTNER—A permit to sell intoxicating liquors granted to one member of a partnership does not authorize sales of such liquor by another member of the partnership.

Des Moines, January 20, 1905.

MR. C. E. HALL,

Stockport, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 16th instant.

In *State v. McConnell*, 90 Iowa, 197, the supreme court of this state held that a permit to sell intoxicating liquors issued to one member of a partnership does not authorize sales of such liquors to be made by another member who has no permit. As a registered pharmacist I think you would have the right to fill the prescriptions of physicians, although by so doing you compounded liquors containing alcohol with other ingredients. But under the holding of the court you would have no right or authority to sell intoxicating liquors unless you obtain a personal permit therefor.

I am,

Yours very truly,

CHAS. W. MULLAN.

TOWNSHIP ASSESSOR—RESIDENCE OF—The statute does not provide in express terms that an assessor elected by the voters of the township outside of the corporate limits of the city or town, must reside outside of such corporate limits.

Des Moines, January 20, 1905.

HON. C. W. PIERSON,
Ida Grove, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 14th instant.

While the matter concerning which you write is one upon which I cannot express an official opinion, unless the same should be referred to me by one of the departments of the state, I will suggest that the statute nowhere in express terms provides that an assessor who is elected by the voters of the township outside of the corporate limits of a city or town, must reside outside of such corporate limits. And if a person who resides within such limits is elected by the voters residing outside of such limits as assessor, and the person so elected qualifies and enters upon the duties of the office, he is clearly assessor de facto; and I think there would be no vacancy in the office unless such vacancy was declared by an action of quo warranto brought in the proper court. All of his acts as assessor would, in my judgment, be legal as though the same were performed by an assessor residing outside of the corporate limits of the city or town.

I am,

Yours very truly,

CHAS. W. MULLAN.

**CAPITAL PUNISHMENT—HISTORY OF LEGISLATION THEREON
IN IOWA.**

Des Moines, January 21, 1905.

MR. ARTHUR W. HOSTETLER,
Glenville, Minnesota.

DEAR SIR—Replying briefly to your letter of the 20th instant, will say that from the organization of the state of Iowa until 1872, capital punishment for murder in the first degree existed. The fourteenth general assembly of the state of Iowa abolished capital punishment and fixed the penalty for murder in the first degree at imprisonment for life at hard labor in the penitentiary. This law remained in force from 1872 until 1878, at which time the legislature amended the law and provided that murder in the first degree should be punished with death or imprisonment for life at hard labor in the state penitentiary as determined by the jury. With a slight modification the act of 1878 is the law of Iowa today, and under the present code if a person is convicted of murder in the first degree the jury must determine by its verdict whether the punishment shall be imprisonment for life at hard labor in the penitentiary, or death.

I think there are no statistics in this state which show the relative number of murders committed during the time that capital punishment was abolished in this state and before or after that period; but it is generally conceded I think by courts and lawyers throughout the state that there was a marked decrease in the number of murders committed in the state immediately after the restoration of the death penalty, and the general consensus of opinion now is that such penalty is upon the whole beneficial to society.

I am,

Yours very truly,
CHAS. W. MULLAN.

CRIME—ASSAULT WITH INTENT TO MURDER—A person who with specific intent to kill delivers to another a poisonous substance to be eaten, whereby an injury results, is guilty of assault with intent to murder.

Des Moines, February 16, 1905.

HON. A. B. BARCLAY,
Wall Lake, Iowa.

DEAR SIR—I am in receipt of your favor of the 11th instant, and in reply will say that while the question is not wholly free from doubt, or the authorities uniform, I think the weight of authority and the better reasoning is that the wife, in the case stated in your letter, is guilty of an assault with intent to murder.

It is said in *Commonwealth v. Stratton*, 114 Mass., 303 (19 Am. Rep., 350), that a person is guilty of assault and battery who delivers to another a thing to be eaten, knowing that it contains a foreign substance and concealing the fact, if the other in ignorance of the fact eats it and is injured in health.

The same rule is adopted in *Carr v. State*, 135 Ind., 1, and to the same effect is *Johnson v. State*, 96 Ga., 36; *People v. Blake*, 1 Wheeler's Crim. Cas., 490.

The supreme court of Texas in *Garnett v. State*, 1 Texas App., 605 (28 Am. Rep., 425), appears to be the only court which has held a contrary doctrine; so that it may be fairly said that the weight of authority is that, where one gives poison to another for the purpose of killing the person to whom the poison is given, and the person who takes the poison is injured thereby, the one giving the same is guilty of an assault with intent to murder.

I think the act of the wife in substituting a poison, viz: wood alcohol, for the alcohol which her husband had procured and kept in a bottle for the purpose of drinking

the same, is such an affirmative act upon the part of the wife that, if the husband drank the poisonous wood alcohol and was injured thereby, she could be convicted of an assault with intent to murder.

I am,

Yours very truly,

CHAS. W. MULLAN.

INSPECTION OF FACTORIES AND BUILDINGS—CHAPTER 149
ACTS OF THE 29th GENERAL ASSEMBLY CONSTRUED—It
is held that the law enacted for the safety and com-
fort of laborers and other persons assembled in factor-
ies and buildings, finds general application to all cities
and towns within the state in which are found such
factories and buildings.

Des Moines, February 18, 1905.

HON. EDWARD D. BRIGHAM,

Commissioner of Labor Statistics.

DEAR SIR—In response to your request of the 16th in-
stant for my opinion whether chapter 149 acts of the 29th
general assembly applies to manufacturing establish-
ments, workshops and hotels in cities organized under
special charters, I submit the following:

Chapter 149 acts of the 29th general assembly provides
for the safety and comfort of laborers and other persons
assembled in factories and buildings. Section 1 of this act
provides:

“Every manufacturing establishment, workshop or
hotel in which five or more persons are employed,
shall be provided with a sufficient number of water
closets, earth closets or privies, for the reasonable
use of the persons employed therein, which shall be
properly screened and ventilated and kept at all
times in a clean condition; and if women or girls are
employed in such establishment, the water closets,
earth closets or privies used by them, shall have
separate approaches and be separated and apart
from those used by the men.”

It is with special reference to this section that your communication is addressed.

Chapter 14 title 5 of the code of 1897 embodies the law of this state governing cities under special charters. Section 933 of this chapter reads as follows:

“The provisions of this chapter shall apply only to cities acting under special charter, and no provisions of this code, nor laws hereafter enacted, relating to the powers, duties, liabilities or obligations of cities or towns, shall in any manner affect, or be construed to affect, cities while acting under special charter, unless the same have special reference or are made applicable to such cities.”

It is quite apparent that the above section of the code contemplates general laws “as to powers of cities”.

It is also apparent that section 1 chapter 149 acts of the 29th general assembly has no reference to the powers of cities or their duties, liabilities or obligations, whether such cities are organized under the general incorporation act or under special charters.

The logical conclusion is that chapter 149 finds general application to all cities and towns within the state in which are found factories and buildings which come within the purview of said chapter.

Yours very truly,

LAWRENCE DEGRAFF.

INTOXICATING LIQUORS—RIGHT OF DRUGGIST TO SELL—A druggist who is not a permit holder has the right to dispense alcohol for the the purpose of compounding medicine, tinctures and extracts that cannot be used as a beverage.

Des Moines, February 18, 1905.

MR. V. L. FERGUSON,
Keswick, Iowa.

MY DEAR SIR—Your favor of the 11th instant received, in which you request my opinion whether a druggist, not

a permit holder, may dispense alcohol in filling doctors' prescriptions. In this state all sales of intoxicating liquors by druggists are unlawful, except such as are made under permits duly issued by the district court, and such permits can be issued only to registered pharmacists. A government license does not protect sales of intoxicating liquors, unless the statutory requirements have been complied with.

Section 1589 of the code provides:

"Persons holding permits may sell and dispense intoxicating liquors, not including malt liquors, for pharmaceutical and medical purposes," etc.

Section 2382 of the code provides in substance that no one by himself or agent shall directly or indirectly sell, exchange, barter, dispense, etc., any intoxicating liquor, which term shall be construed to mean alcohol, ale, wine, beer, spirituous, vinous and malt liquor, and all intoxicating liquor whatever.

If the provisions of the code should stop here, it would be apparent that a registered pharmacist, not a permit holder, would not be privileged to sell or dispense alcohol or any other liquor defined by the statute to be intoxicating.

Section 2385 provides that registered pharmacists and physicians holding certificates from the state board of medical examiners and manufacturers of proprietary medicines may buy from permit holders intoxicating liquors (not including malt) for the purpose of compounding medicine, tinctures and extracts, that cannot be used as a beverage.

Section 2401 further provides that licensed physicians may in good faith dispense liquors as medicines to patients actually sick and under their treatment. The supreme court of this state has said that under this provision it is not enough that the physician believes the patient to be sick. If he is not actually sick the physician will not be protected.

State v. Fields, 89 Iowa, page 34.

Construing these provisions of the code, I am of the opinion that the registered pharmacist and registered physician may dispense alcohol under the conditions named above, without incurring any liability under the law.

Yours very truly,
LAWRENCE DEGRAFF.

COUNTY TREASURER—COMPENSATION OF—It is held that the excess of three per cent above the salary of the county treasurer upon taxes collected by him is a part of the general taxes collected by the county, and the same must be distributed in the different tax funds.

Des Moines, February 25, 1905.

MR. C. B. ELLIS,
Onawa, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 18th instant. In reply will say the matter concerning which you write is not one upon which I can express an official opinion, unless it should be referred to me by one of the departments of the state.

I may, however, suggest that the construction which must be placed upon the provisions of section 490 of the code is, as it appears to me, that the excess of three per cent above the salary of the county treasurer upon taxes collected by him, must be held to be a part of the general taxes collected by the county, and that it must be distributed or permitted to remain in the different tax funds. I find no provision of the statute authorizing a transfer of any portion of the three per cent which is in excess of the amount of the salary of the county treasurer, to the county fund, and in the absence of such provision such transfer cannot legally be made.

I am,

Yours very truly,
CHAS. W. MULLAN.

COUNTY RECORDER—ALTERATION OF INSTRUMENTS FILED FOR RECORD—A county recorder has no authority to change or alter the language of any instrument filed with him for record.

Des Moines, February 25, 1905.

MR. H. R. BERNARD,
Montezuma, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 21st instant.

While the matter concerning which you write is not one upon which I can express an official opinion, unless the same should be referred to me by one of the departments of the state, I may make the following suggestions:

(1). If an instrument comes into your hands for record, and you discover a mistake in the description of the land described therein, it would be a courteous and proper thing for you to call the attention of the parties to such mistake before recording the instrument, that it might be corrected; but you have no authority to change or alter any description in any instrument which is presented to you for record. The same is true of a mistake in the spelling of names of persons in the instrument. The record should be a perfect transcript of the instrument itself as to spelling, description and all other matters.

(2). If, after a deed is recorded, it is discovered that the land in the same is incorrectly described, and such mistake is corrected in the original instrument, it must be re-recorded, as the record thereof cannot be changed. The only changes which a recorder is authorized to make upon the record are those for the purpose of correcting mistakes which occur in recording instruments, such change being for the purpose of making the record agree with the instrument which is recorded. I am,

Yours very truly,

CHAS. W. MULLAN.

TAXATION—SOLDIERS' AND SAILORS' EXEMPTION—The Statutory exemption from taxation to the extent of eight hundred dollars to soldiers and sailors applies only to those who are residents of this state.

Des Moines, February 27, 1905.

HON. GEO. D. MUSMAKER,
Greenfield, Iowa.

DEAR SIR—I am in receipt of your favor of the 18th instant.

The question which you ask is not free from difficulty, but after an examination of all the authorities which I have been able to find that bear upon the question, I have reached the conclusion that subdivision 7 of section 1304 of the code does not apply to honorably discharged Union soldiers and sailors of the war of the rebellion, or their widows, who are not residents of the state of Iowa.

I have been unable to find any authority bearing directly upon this question. It is a well settled rule of law, however, that taxation is the rule, and exemptions therefrom the exception, and that an exemption will never be presumed or implied, and must be given by an express grant. It can only exist by virtue of some constitutional or legislative provision expressed in clear and unequivocal language and intended to create such an exemption, and permitting no other reasonable construction.

It has been well said that a grant of exemption from taxation being in the nature of a recognition of sovereignty must invariably be construed most strictly against the grantee, and can never be permitted to extend, either in scope or duration beyond what the terms of the concession clearly require.

Subdivision 7 of section 1304 of the code supplement provides:

"The property, not to exceed eight hundred dollars in actual value, of any honorably discharged Union soldier or sailor of the Mexican war, or the war of the rebellion, or the widow remaining unmarried of such soldier or sailor. It shall be the duty of every assessor annually to make a list of such soldiers, sailors and widows, and to return such list to the county auditor, upon forms to be furnished by such auditor for that purpose; but the failure on the part of any assessor so to do shall not affect the validity of any exemption."

The last clause is a clear indication that it was the intent of the legislature to grant an exemption from taxation to the extent of eight hundred dollars, only to the soldiers, sailors and widows residing within the state. The assessor of each district is required to make a list of all such soldiers, sailors and widows annually, and to return such list to the county auditor upon forms to be furnished by such auditor for that purpose.

The legislature clearly had in mind in enacting subdivision 7 of section 1304 of the code that the assessor should make and return to the county auditor a list of the names of all honorably discharged soldiers or sailors, with widows of soldiers and sailors, within his assessment district, who were entitled to the exemption provided for in the statute; and that such exemption should be confined to the class of persons named residing in the respective assessment districts of the state.

Taking the entire subdivision of the section referred to with the general principles of law governing the construction of statutes of that character, I can reach no other conclusion than that a soldier, or sailor or widow of a soldier or sailor, must be a resident of the state to be entitled to the exemption therein provided.

I am,

Yours very truly,

CHAS. W. MULLAN.

EXTRADITION--Where a fugitive from justice is properly charged with a crime under the laws of the state demanding his return, it is immaterial whether the offense charged is a crime under the laws of the state upon which the demand is made.

Des Moines, March 2, 1905.

HON. ALBERT B. CUMMINS,
Governor of Iowa.

DEAR SIR—I have examined the application for a requisition upon the governor of Colorado for the extradition of Mr. A. B. Funk, who is charged with the crime of obtaining property by false pretenses.

The offense with which Mr. Funk is charged is an indictable one under the laws of the state of Iowa, and the suggestion that the requisition should not issue for the reason that such offense is not indictable under the laws of Colorado, is without force. The constitutional provision for the surrender by one state to another of persons charged with treason, felony or other crimes, embraces all indictable crimes and offenses made punishable by the laws of the state wherein the act was done. See,

Kentucky v. Dennison, 24 How., 66;

Taylor v. Taintor, 16 Wall., 366;

Ex parte Reggel, 114 U. S., 642;

Lascelles v. Georgia, 148 U. S., 537;

Morton v. Skinner, 48 Ind., 123.

Where the fugitive is properly charged with a crime under the laws of the state demanding his return, it is immaterial whether the offense charged is a crime under the laws of the state upon which the demand is made. See,

Johnson v. Riley, 13 Ga., 97;

Matter of Hayward, (N. Y. Sup. Ct., 1848), 1 Am. L. J. N. S., 271.

See, also, opinion of Judges of Maine Supreme Court, 24 Am. Jur., 226.

Under the law as announced by these authorities, the requisition should, in my opinion, issue.

I am,

Yours very respectfully,

CHAS. W. MULLAN.

COUNTY ATTORNEY—COMPENSATION OF—RECOVERY OF MONEY
PAID ILLEGALLY—If a county attorney is paid additional compensation under an illegal and void resolution of the board of supervisors, such moneys may be recovered from him in a proper action.

Des Moines, March 3, 1905.

HON. G. A. BARNES,

Dubuque, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 1st instant.

While the matter concerning which you write is not one upon which I can express an official opinion, unless it should be referred to me by one of the departments of the state, I may perhaps be permitted to make the following suggestions:

First. The resolution of the board of supervisors of Dubuque county, allowing to the county attorney an additional compensation of one thousand dollars for services performed as the attorney of the board of supervisors of the county, is illegal and void, and whatever money was paid under such resolution was illegally taken from the county treasury and paid to the person who received the same. The resolution gave the county auditor no authority to draw warrants upon the county treasurer for any part of the sum named in the resolution.

Second. Whether the money can be recovered from the parties to whom it was paid, presents a more serious question, and one which is not free from doubt.

The facts as given in your letter appear to me to fall within the rule stated by the supreme court in *Heath v. Albrook*, rather than within the rule given in *Painter v. Polk county*. I think they may be fairly distinguished from the Painter case, for the reason that the county attorney of Dubuque county, the board of supervisors and the auditor must all be held to have had knowledge that the resolution of the board of supervisors was void, and gave to the auditor no authority whatever to issue a warrant upon the treasurer for any part of the sum named therein, and gave to the county attorney no authority or right to take or receive any part of such sum from the county treasury.

If I am right in making the distinction between the facts as given in your letter and the case of *Painter v. Polk county*, the money received by the county attorney under the resolution named may be recovered in a proper action.

Third. The county attorney is not, in my opinion, guilty of a misdemeanor under the provisions of section 1297 of the code. That section must be held, under the rules of construction of criminal statutes, to apply only to officers who receive fees as compensation for the performance of their official duties. There is a well recognized distinction between fees which are received by an officer as compensation for the work performed by him, and a salary paid an officer for the performance of his official duties. The provisions of section 1297 cannot be extended beyond the express terms of the statute, and these terms do not include salaries paid to public officers.

I desire, however, in this connection, to call your attention to section 4885 of the code, which provides:

“If any * * * county * * officer * * directly or indirectly accept any valuable consideration * * other than the compensation allowed him by law, conditioned upon said officer's doing or performing any

official act * * , he shall be imprisoned in the penitentiary not exceeding two years, or in the county jail not exceeding one year, or fined any sum not less than twenty nor more than three hundred dollars."

In the case stated in your letter, the county attorney is a county officer within the meaning of the statute quoted. He has directly accepted from the county a valuable consideration for the performance of the official duties imposed upon him by law; and as I now view the statute, it appears to me to be applicable to his case. It is true the legislature may have had in mind at the time of the enactment of the statute that it desired to prevent an officer from accepting a valuable consideration from any private person or corporation for the performance of his official duties; but the language is broad enough to cover the acceptance of such consideration from the county, as well as from a private individual.

I have not made a careful examination of the authorities upon the question, and in fact have not time to do so, but have given you my views of the law as applicable to the facts involved.

I am,

Yours respectfully,

CHAS. W. MULLAN.

OFFICIAL NEWSPAPERS—WHAT CONSTITUTES—All notices and processes of the courts required to be published in a newspaper must be in the English language, unless the statute specifically provides to the contrary.

Des Moines, March 8, 1905.

MR. C. H. VANDER MEULEN,
Sioux City, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 6th instant. In reply will say that the matter concerning which you write is not one upon which I can

express an official opinion, unless the same should be referred to me by one of the departments of the state, of which I am the legal adviser.

I may, however, suggest that the English language is the legal language of the country, and that all notices and processes from the courts which are required to be published, must be published in that language, unless the statute specifically provides that they may be published in a foreign language.

It has been recently held in Wisconsin that the publication of a legal notice printed in the English language in a newspaper printed in German is a legal publication of the notice within the statutes of that state; and I think the courts of this state would hold the same rule if the questions were presented. I am,

Yours very truly,

CHAS. W. MULLAN.

SCHOOL LANDS—SALE OF BY FORECLOSURE—School lands bought in at a foreclosure sale become the property of the state, and any increase in the value of such lands thereafter inures to the benefit of the state.

Des Moines, March 8, 1905.

HON. C. E. DEAN,

Glenwood, Iowa.

DEAR SIR—Your favor of the 30th ultimo to the auditor of state has been referred to me for answer.

In reply thereto I beg leave to say that I desire to call your attention to section 2855 of the code, which provides:

“When any land has been bid in by the county under foreclosure proceedings, the county auditor shall at once notify the state auditor, who shall give the county credit for the amount of the original amount of the notes remaining unpaid. When a re-sale is made, and the state auditor, through the county auditor, has notice thereof, he shall charge

the county with the full amount of re-sale, and if the land shall be purchased by a third party for a less amount than due, the loss shall be sustained by the county. County auditors shall, on the first of January, report to the state auditor the amounts of all sales and re-sales of the sixteenth section, five hundred thousand acres grant and escheated estates made the year previous * * * .”

Do not the provisions of the section quoted and those following clearly indicate that the county must account for the full amount of the purchase price of school lands which are sold after the same have been bid in by the county auditor at a foreclosure sale?

It is my understanding that all school lands which are bid in at a foreclosure sale become the property of the state, and must be treated as school lands, which have not been sold to third parties. Any increase in the value of such lands after they are bid in at a foreclosure sale, inures to the benefit of the state, and when such lands are re-sold, the state is entitled to the full amount of the purchase price thereof, which includes any increased value, and no deductions can be made by the county from such purchase price for costs or expenses.

It is not a question of keeping the school fund intact, but rather of accounting to the state for the full amount of the purchase price of school lands sold. The statute expressly requires that the county shall bear all losses and expenses.

Trusting that upon a careful examination of the question by you, you will reach the conclusion herein expressed, and that a satisfactory adjustment of the amount due the state school fund may be made by the county officers, I am,

Yours very truly,

CHAS. W. MULLAN.

PHARMACY—SALE OF WOOD ALCOHOL—Wood alcohol is not an intoxicating liquor and the same may be sold at wholesale if it is properly labeled.

Des Moines, March 9, 1905.

SMITH, LIGHTY & HILLMAN COMPANY,
Waterloo, Iowa.

DEAR SIRs—Replying to your favor of the 4th instant, I beg leave to say that I have submitted the question whether wood alcohol is an intoxicant or not to the state chemist, and have received from him a letter in which he says it cannot be classified as an intoxicating liquor. The statute regulating the sale of poisons and providing that they shall only be sold by a registered pharmacist applies to retail dealers and not to persons selling at wholesale.

Wood alcohol not being an intoxicating liquor, I see no reason why you may not sell the same at wholesale if it is properly labeled in the manner required by statute.

I am,

Yours very truly,

CHAS. W. MULLAN.

CRIME—EFFECT OF CIVIL ACTION ON CRIMINAL PROSECUTION—A settlement of a civil liability by a person charged with crime arising from the same state of facts, is no defense.

Des Moines, March 10, 1905.

HON. W. M. STRAND,
Decorah, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 8th instant.

The fact that a corporation from which a person has embezzled money or property has brought an action and obtained judgment against such person for the value of the money or property embezzled, has no bearing upon a

criminal prosecution by the state upon the charge of embezzlement. The question upon an indictment charging a person with embezzlement is whether he has been guilty of a violation of a criminal statute of the state in embezzling money or property from his principal or employer. And although he may have repaid the amount of money embezzled, or paid the value of property taken, such payment is no defense to a criminal prosecution. Nor is evidence of the fact that a judgment has been obtained against the person charged, or that he has repaid the money taken by him, competent upon the trial for the purpose of showing a settlement of his civil liability as a defense to the charge upon which he is placed on trial.

As bearing upon this question see—

People v. DeLay, 80 Cal., 52;

Fleener v. State, 58 Ark., 98;

Robinson v. State, 83 Ga., 166;

State v. Frish, 45 La. Ann., 1283;

State v. Noland, 111 Mo., 473;

State v. Pratt, 98 Mo., 482.

Yours very truly,

CHAS. W. MULLAN.

SCHOOL LANDS—FORECLOSURE OF—MORTGAGE THEREON—The county is required to bear the expenses of all legal proceedings in relation to the school fund, and no part of such fund can be applied to the payment of such costs or expenses.

Des Moines, March 10, 1905.

HON. C. E. DEAN,
Glenwood, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your esteemed favor of the 8th instant.

I perhaps inadvertently used the word “expressly” in referring to the provisions of the statute requiring the

county to pay the expenses connected with the foreclosure of mortgages upon school lands. The statute certainly expressly requires counties to bear all losses, and inferentially requires them to pay all expenses connected with such foreclosures.

I call your attention to the provisions of section 2848 in this connection, by which it is provided:

"The board of supervisors shall hold and manage the securities given to the school fund in its county, and all judgments and lands belonging to said fund. It may have any part of the school lands surveyed when necessary, and employ the county surveyor therefor, who shall be paid out of the county treasury upon proof of the request and performance of the service. All actions for and in behalf of said fund may be brought in the name of the county for the use of the school fund, by the county attorney, or such other attorney as the board may select. Each county shall be liable for all losses upon loans of the school fund, principal or interest, made in such county, unless the loss was not occasioned by reason of any default of its officers or by taking insufficient or imperfect securities, or from a failure to bid at an execution sale the full amount of the judgment and costs."

There is no provision in the law for the payment of any costs incurred in the foreclosure of a mortgage upon school lands out of the school fund. In fact no part of such fund can be taken for any purpose whatever. This is expressly provided for in section 2838 in these words:

"The permanent school fund, the interest of which only can be appropriated for school purposes, shall consist of five per cent," etc.

Each county is entitled to have paid into its treasury any surplus interest upon the school fund above four and one-half per cent, and the county is authorized by statute to retain such sum for the purpose of indemnifying it for the cost of handling and loaning the school fund, and for any losses which the county may be required to make good.

A careful reading and consideration of the statute relating to the management of the school funds of the state, confirms me in the position taken in my former letter; that is, that the county is required to bear the expenses of all legal proceedings in relation to the school fund, and that no part of such fund can be applied to the payment of any of such court costs or expenses. I can reach no other conclusion in the case under consideration than that the county must account to the state for the entire amount of the sale of the land referred to.

I am,

Yours very truly,

CHAS. W. MULLAN.

BOARD OF HEALTH--VACCINATION--The state board of health may require children attending the public school to be vaccinated when there is a threatened or actual epidemic of small pox.


Des Moines, March 14, 1905.

MR. S. B. SNYDER,

Council Bluffs, Iowa.

DEAR SIR--In reply to your favor of the 10th instant, I beg leave to call your attention to section 2572, as the same appears in the code supplement. This section, I think, gives the local board of health full power to enforce the regulations of the state board of health, and to call upon the police authorities to aid them in enforcing such regulations.

The regulation of the state board of health requiring children attending public schools to be vaccinated, can be enforced only where there is a threatened or actual epidemic of smallpox; but if such epidemic exists or is threatened, I think there is no doubt of the power of the local board of health to require all children attending the public schools to be vaccinated. Wherever the question



has arisen in courts of last resort, that power has been declared to exist. If the school board refuses to act or to take the proper steps to enforce the regulation, the local board of health may act and take such steps as are necessary to enforce the same.

I am,

Yours very truly,

CHAS. W. MULLAN.

INTOXICATING LIQUORS—SALE OF IN RELATION TO INTER-STATE COMMERCE—It is not a violation of the prohibitory liquor law of this state to solicit orders for intoxicating liquors to be shipped by a nonresident firm to purchasers residing in Iowa.

Des Moines, March 15, 1905.

HON. G. L. SCOVILL,
Malcom, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 14th instant. In reply will say that the matter concerning which you write is not one upon which I can express an official opinion, unless the same should be referred to me by one of the departments of the state.

I may suggest, however, that under the decisions in the cases of the *State v. American Express Company* and *State v. Adams Express Company*, a dealer in intoxicating liquors residing in another state has the right to ship liquors to customers residing in the state of Iowa, C. O. D., and the express company must deliver the liquors so shipped to the consignee.

Under the decision of the supreme court of this state in the case of the *State v. Hanaphy*, 117 Iowa, 15, it is held that it is not an offense against the prohibitory liquor laws of this state to solicit orders for intoxicating liquors to be shipped by a firm transacting business in another state, to purchasers residing in Iowa.

In *State v. Hutchins*, 74 Iowa, 20, it is held that the statute does not forbid the giving away of intoxicating liquors except as done as an evasion of the penalties for selling or as a subterfuge to conceal unlawful sales; except where liquors are given to minors or to persons in the habit of becoming intoxicated, the exception being contained in section 2403 of the code as amended by the acts of the twenty-eighth general assembly.

If the person referred to by you has been guilty of giving intoxicating liquors to minors or to persons in the habit of becoming intoxicated, he is subject to the penalty provided for in section 2403 of the code; but under the facts as given in your letter I do not see how he can be reached under any other provision of the statute.

I am,

Yours very truly,

CHAS. W. MULLAN.

**MUNICIPAL CORPORATION—EXTENSION OF CORPORATE LIMITS —
EFFECT ON BOUNDARIES OF SCHOOL DISTRICT—**When the corporate limits of any city or town are extended outside an existing independent school district, the boundaries of such independent district are also correspondingly extended.

Des Moines, March 20, 1905.

MR. W. F. GOLTRY,
Russell, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 15th instant. In reply will say that the matter concerning which you write is not one upon which I can express an official opinion, unless the same should be referred to me by one of the departments of the state.

I will, however, call your attention to the provisions of the statute governing questions of the character of that submitted in your letter.

Section 615 of the code provides that any city or town may have its limits enlarged by resolution of the council, the question of such extension being submitted to a vote of the electors of the city or town, including the residents of the territory proposed to be incorporated within the city or town limits.

Section 2793-a, which appears upon page 321 of the supplement to the code, provides that when the corporate limits of any city or town are extended outside the existing independent district, the boundaries of such independent district or districts shall also be correspondingly extended; that is, when a city or town extends its municipal limits, the boundaries of the independent school district of such city or town are correspondingly extended, and the territory included within such extension becomes a part of the independent school district of the city or town, the boundaries of which are so extended.

Section 622 of the code, and those following, provide for severance of territory from cities and towns where the inhabitants of such territory do not wish the lands owned by them to become a part of the municipal corporation. A perusal of the sections referred to will give you all of the information which you desire upon the subjects of your letter.

I am,

Yours very truly,

CHAS. W. MULLAN.

COLLATERAL INHERITANCE TAX—Real estate located outside of the state of Iowa is not subject to collateral inheritance tax when the fee therein passes directly from the decedent to collateral heirs.

Des Moines, March 24, 1905.

HON. J. L. CARNEY,
Marshalltown, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 23d instant. In reply will say that the construction which has been given section 1467-b of the

supplement to the code is that real estate located outside of the state of Iowa is not chargeable with the collateral inheritance tax where the fee of such real estate passes directly from the decedent owner to the collateral heirs, and is not by the provisions of the will converted into personalty and distributed as such.

I call your attention to the provisions of the section referred to which is in these words: "Except as to property passing to persons, corporations and societies exempted by section 1467 of the code from the collateral inheritance tax, and real property located outside of the state passing in fee from the decedent owner", the tax imposed under chapter 4 shall be assessed, etc.

The collateral inheritance tax is a tax upon succession rather than upon property, and the title of property must pass under the laws of descent of this state to make it chargeable with the tax. I am,

Yours very truly,

CHAS. W. MULLAN.

ELECTIONS—CANVASS OF THE BALLOTS—The statutory provision fixing the time within which the board of canvassers of an election must canvass the vote, is directory and not mandatory.

Des Moines, March 30, 1905.

MR. JOHN CARMICHAEL,
Richland, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 29th instant.

The matter concerning which you write is not one upon which I can express an official opinion, unless the same should be referred to me by one of the departments of the state.

I will suggest, however, that the time fixed by the statute within which the board of canvassers of an election must canvass the vote and declare the result, is directory and not mandatory, and that a canvass and declaration of the result of the election after the time fixed by statute is valid.

It was the duty of your board, under the provisions of section 1169 of the code, after a canvass of the ballots had disclosed that there was a tie vote upon the office of mayor, to determine by lot which one of the persons having the highest number of votes should be declared to have been elected. A failure upon the part of the board to determine that question by lot as provided by statute does not create a vacancy in the office, and I would suggest that the board be called together at once and, if practicable, at the place where the original canvass was made, and that the question be determined by drawing one of the two names from a receptacle in the manner provided by the section referred to; that such drawing and all proceedings connected therewith be public, and after it is determined which one of the two candidates is elected in the manner provided, a supplemental return be made by the election board showing that the drawing has taken place in accordance with the provisions of the statute, and declaring the result thereof, and that such supplemental return be made to the officer to whom the original return was delivered. I am,

Yours very truly,

CHAS. W. MULLAN.

COMMISSION OF PHARMACY—GRANTING OF CERTIFICATE WITHOUT EXAMINATION—A pharmacist registered without examination forfeits his registration when he voluntarily severs his connection with the drug business for a period of two years at the place designated in the certificate.

Des Moines, April 3, 1905.

B. F. KELTZ,

Commissioner of Pharmacy,
Des Moines, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of recent date submitting to me the following facts and requesting my opinion thereon:

It is shown by the records in the office of the commissioner of pharmacy that one J. F. Wall was duly registered as a druggist and pharmacist on the 31st day of July, 1880; that no renewal was ever requested by the certificate holder and the certificate itself is marked forfeited.

The holder of said certificate now requests that a new certificate be granted him and the question presented in this brief statement of facts is, whether the commission is legally empowered, or may in the exercise of discretion grant to petitioner the certificate in question.

Prior to the passage of chapter 75, acts of the 18th general assembly (1880) known as the Iowa pharmacy law, the petitioner was engaged in the business of pharmacy and by virtue of the provisions of section 4 of said act, he was registered by the then commissioners of pharmacy without examination, and a certificate of registration was duly issued to him.

Section 4 of said act provides in substance that the commissioners of pharmacy shall register without examination as registered pharmacists, all pharmacists and druggists who are engaged in business in the state of Iowa at the time of the passage of this act, as owners or

principals of stores or pharmacies for selling at retail, compounding or dispensing drugs, etc., provided that in case of failure or neglect on the part of any such person to apply for registration within sixty days after notification, such person shall undergo an examination as provided for in section 5 of the act.

A reading of the original pharmacy law clearly shows that it was not the intention of the legislature to deprive persons engaged in the business as pharmacists at the time of its enactment, of the right to continue their business. Their status as druggists at the time of the enactment of the law entitled them to registration. In effect it was a recognition of a vested right.

Chapter 137, acts of the 19th general assembly (1882) amended section 4 by providing as follows:

“Druggists and pharmacists who were registered without examination forfeit their registration when they have voluntarily sold, parted with or severed their connection with the drug business for a period of two years at the place designated in certificate of registration. Should such party who has thus forfeited his registration wish to re-engage in the practice of pharmacy, he is required to be registered by examination as per section 5. Every registered pharmacist who desires to continue his profession, shall on or before the 22d day of March of each year, pay to the commissioners of pharmacy the sum of one dollar for which he shall receive a renewal of his certificate, unless his name has been stricken from the register for a violation of law.”

The facts in the instant case show that the petitioner has at no time complied with the requirements of the law, and it was for this reason that the commissioners of pharmacy properly considered his certificate void, and accordingly marked it forfeited upon the register.

Under the statute enacted by the 19th general assembly providing that pharmacists who were registered without examination forfeit their registration when they voluntarily sever their connection with the drug business for a

period of two years at the place designated in the certificate, it is my opinion that any druggist who has thus forfeited his registration and who wishes to re-engage in the practice of pharmacy, may be registered only by examination as provided by section 2589 of the code.

In further support of this opinion, I direct your attention to the case of *Braniff v. Weaver*, et al, Commissioners of Pharmacy, 72 Iowa, 641.

Yours very respectfully,

LAWRENCE DEGRAFF.

ELECTIONS—THE WORDS “QUALIFIED ELECTOR” CON-
STRUED—The term “qualified elector” is held to mean
a person entitled to vote at all general elections, un-
less the statute specifically uses it in a different sense.

Des Moines, April 11, 1905.

MR. J. M. WILSON,
Centerville, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your esteemed favor of the 7th instant. In reply will say that the matter concerning which you write is not one upon which I can express an official opinion, unless the same should be referred to me by one of the departments of the state.

I will, however, suggest—

(1). That it can hardly be said that women fall within the definition of the words “qualified elector”, as used in section 643 of the code. The fact that they may under the provisions of the statute vote at certain elections where the question of the issue of bonds or the increase of taxation is involved, does not constitute them qualified electors. Their right to vote is limited, while the words “qualified elector”, as used in the section referred to,

must be held to mean persons who are entitled to vote at all general elections held for the election of officers. Under this view I think a woman is not eligible to the appointment of city clerk.

(2). I think it is a well settled proposition of law that the acts of any officer de facto are valid, and although the person filling the office and performing its duties may be ineligible thereto, yet, so long as he is in fact an officer, the legality of his acts cannot be questioned.

I am,

Yours very truly,

CHAS. W. MULLAN.

BOARD OF SUPERVISORS—POWER TO GRANT A FRANCHISE—A board of supervisors has no right or authority to grant a franchise to construct and maintain poles and wires in a public highway for the purpose of conducting electricity.

Des Moines, April 11, 1905.

HON. W. M. STRAND,
Decorah, Iowa.

DEAR SIR—I beg to acknowledge the receipt of your favor of the 7th instant.

I know of no statute bearing upon the question of the right of a board of supervisors to grant a franchise to construct and maintain poles and wires in a public highway for the purpose of conducting electricity for motive and lighting purposes. Section 1482 of the code gives to the board of supervisors of the county general supervision over the roads, and power to establish, vacate and change them as the interest of the public shall demand; but I doubt their power to permit them to be used for other purposes than that of general public travel.

Another question which would arise, even if the board had power to grant the right to erect and maintain such poles and wires, is whether the erection and maintenance thereof would not be an additional burden upon the land occupied as a highway which would entitle the owner thereof to damages for its use for that purpose.

I have not given the matter a very extended or careful examination, and simply write you my views as they present themselves to my mind.

I am,

Yours very truly,

CHAS. W. MULLAN.

SHERIFFS—FEES IN JUSTICE COURTS—The fees received by a sheriff for services preformed in a justice court must be accounted for by him and added to the fees which he receives in the district court.

Des Moines, April 19, 1905.

HON. A. A. KUGLER,
Osage, Iowa.

DEAR SIR—I beg leave to acknowledge the receipt of your favor of the 8th instant.

Without going into the question contained in your letter at length, I will call your attention to a provision contained in subdivision 23 of section 511, as the same appears in the code supplement, the provision being this:

“When sheriffs perform official duties in justices’ courts, their fees shall be the same as allowed constables.”

This provision fixes the fees which sheriffs are allowed to charge for services performed in justice’s courts, and such fees thereby become a part of the compensation of the sheriff as fees which are earned for services in the district court.

Section 510-a of the code supplement provides:

“And provided further, that all fees earned and uncollected at the end of each year shall belong to the county, and when paid by the clerk of the district court, be reported to the board of supervisors and paid into the county treasury.”

Under these provisions and under the other provisions of section 510, it seems clear that whatever fees are received by a sheriff for services performed in a justice's court, must be accounted for by him, and added to the fees which he receives for services in the district court for the purpose of determining whether the fees so received by him equal the amount of compensation to which he is entitled under section 510-a; and if such fees do not in the aggregate equal the amount of compensation to which he is entitled, the difference must be paid to him out of the county treasury, as provided by the section referred to. I am,

Yours very truly,

CHAS. W. MULLAN.

OFFICIAL NEWSPAPERS—DEFINITION OF—It is held that an official newspaper is one which has general circulation among the people without regard to class, vocation or calling and is devoted to the gathering and dissemination of current events.

Des Moines, June 5, 1905.

MR. CARL W. ROSS,
Iowa City, Iowa.

DEAR SIR—I am in receipt of your favor of the 2d instant. In reply will say that the matter concerning which you write is not one upon which I can express an official opinion, unless the same should be referred to me by one of the departments of the state. I will, however, refer you to some of the cases bearing upon the question of what is and what is not a newspaper within the meaning of the statute.

It is difficult to determine with clearness and exactness what are and what are not newspapers in the legal acceptance of the term, and to distinguish such papers from the numerous publications devoted to some special purpose and which circulate only among a certain class of people and are not within the purview of the statutes requiring publication of legal notices. The daily and weekly newspapers common to all parts of the country of general circulation among the people, without regard to class, vocation or calling, devoted to the gathering and dissemination of news of current events, are without doubt newspapers within the meaning of the statute requiring publications to be made in newspapers of general circulation. On the contrary, many publications such as literary, scientific, religious, medical and legal journals, which are obviously intended for but one class of people, and that class a small part of the entire public, are not newspapers within the legal and ordinary meaning of the word.

Hanscom v. Meyer, 60 Neb., 68; 48 L. R. A. 409;
Rosewater v. Pinzenscham, 38 Neb., 835; 57 N. W.,
563;
United States v. Burnell, 75 Fed., 824;
Kellogg v. Carico, 47 Mo., 157;
Beecher v. Stevens, 25 Minn., 146.

I am,

Yours very truly,

CHAS. W. MULLAN.

MEANDERED STREAMS—TITLE TO LANDS BORDERING THEREON—The riparian owner of a meandered stream takes title to the land to the ordinary high water mark.

Des Moines, June 13, 1905.

MR. J. FRANK JAQUA,
Humboldt, Iowa.

DEAR SIR—In answer to your favor of the 9th instant, I will say that the matter concerning which you write

is not one upon which I can express an official opinion, unless the same should be referred to me by one of the departments of the state, and any suggestion made in this letter must not be taken as such an opinion.

There was no reservation by the state along the banks of the Des Moines river when the land, originally granted by the government to the state for the purpose of making that river navigable, was granted by the state to the Des Moines River Navigation Company. Wherever the stream was meandered, the riparian owners take the title to the land to the ordinary high water mark of the river. They do not own the bed of the stream or its banks from the ordinary high water mark upon one side to the ordinary high water mark upon the other.

The supreme court of Iowa has indicated in at least two cases that the bed of an unnavigable meandered stream from the ordinary high water mark upon one side to the ordinary high water mark upon the other is in the United States government. These cases, however, were early decisions of the court and the soundness of the proposition has since been doubted, and the question of the ownership of the bed of such streams is a somewhat vexed one.

I am,

Yours very truly,

CHAS. W. MULLAN.

**TAXATION—DOGS—CODE SECTIONS 457 AND 458 CON-
STRUED—**Dogs are not listed as property that is tax-
able for state and county purposes, and a special
tax assessed against the owner, goes into the
general county fund.

Des Moines, June 26, 1905.

HON. A. B. BARCLAY,
Wall Lake, Iowa.

DEAR SIR—I beg leave to acknowledge the receipt of
your favor of the 23d instant.

While the matter concerning which you write is not one
upon which I can express an official opinion, unless the
same should be referred to me by one of the departments
of the state, I will, as a matter personal to you, briefly
give you my views thereon.

Under the provisions of sections 457 and 458 of the
code, dogs are not listed as property which is taxable for
state and county purposes. A special tax is assessed
against the owner of dogs which goes into the general
county fund. Such tax has no relation to their value and
is not based upon valuation.

Under this view there is no conflict between sections
457 and 458 and section 889 of the code, which gives to
the council of any city or town power to levy and collect
a tax on dogs and other domestic animals not included in
the list of taxable property for state and county pur-
poses.

I am,

Yours very truly,

CHAS. W. MULLAN.

PUBLIC SCHOOLS—USE OF THE BUILDING BY A SECTARIAN SCHOOL—A board of directors may not by resolution make disposition of any school house or permit the building to be used for sectarian school purposes, unless the question has been submitted to the voters at the annual school meeting.

Des Moines, June 29, 1905.

HON. JOHN F. RIGGS,

Superintendent of Public Instruction.

DEAR SIR—Your favor of the 27th instant received in which you asked an official opinion upon the following question:

“May the board of directors of an independent school district lawfully permit the use of a public school building in the district for the purpose of holding therein a Norwegian sectarian school?”

It appears from the statement of facts giving rise to this question that those in charge of the sectarian school consulted the directors and received their permission to use the building; that the board did not act officially in granting this request; that the question was not submitted to the school electors at the annual meeting; nor was anything done except securing the consent of the individual members of the board.

It is quite apparent from this brief statement of the facts that the action taken was irregular and that no right was conferred upon the Norwegian sectarian school to use the building in question for conducting said school.

Section 2749 of the code provides:

“The voters assembled at the annual meeting shall have power: * * * 2. To direct the sale or make other disposition of any schoolhouse or site or other property belonging to the corporation and the application to be made of the proceeds of such sale. * * * 4. To instruct the board that school buildings may or may not be used for meetings of public interest.”

The above provisions clearly indicate that the board may not by resolution make disposition of any schoolhouse or other property belonging to the corporation, or permit

the school building to be used unless the question has been submitted to the voters at the annual school meeting.

It is a rule of statutory construction that if any particular thing is declared essential to the validity of an act, the statute is held to be mandatory.

Goerdts v. Trunn, 118 Iowa, 207.

The question also arises whether a public school building may be used for sectarian school purposes. It has been determined by the Iowa supreme court that the electors of a school district may legally permit the schoolhouse in the district to be used for the purposes of religious worship and Sunday Schools.

Townsend v. Hagan, 35 Iowa, 194.

In opinion it is said:

"The statute confers authority on the electors, when legally assembled 'to direct the sale or other disposition to be made of any schoolhouse * * * that may belong to the district. * * * They may sell or lease it as they think proper, or permit it to be used for any proper purpose. * * * Their authority in the premises is subject to the control of the electors of the township.' * * * The position of appellant's counsel is that the electors have no power to permit the use of the schoolhouses for any purpose, except for the use of the public schools. If this be correct, then the keeping of a select school in a public schoolhouse would be prohibited, although it be conducted in all respects as a public school.

"We have seen that the statute confers the power on the electors of the district, when lawfully assembled, to make such disposition of the schoolhouses as they may deem right and proper. They may permit any reasonable and proper use of them, which, in their discretion, may be determined upon."

The principles affirmed in the Hagan case were approved in *Davis v. Boget*, 50 Iowa, 11. In the latter case it was also contended that the use of a public school building for such purposes was in conflict with section 3, article 1

of the state constitution; in that the use of a public school-house for religious worship, or sectarian purposes, is indirectly compelling the tax payer to pay taxes for the building or repairing of places of worship. In opinion it is said:

“We think that the use of a public school building for Sabbath schools, religious meetings, debating clubs, temperance meetings and the like, and which of necessity must be occasional and temporary, is not so palpably a violation of the fundamental law as to justify the courts in interfering. Especially is this so, where as in the case at bar, abundant provision is made for securing any damages which the tax payer may suffer by reason of the use of the house for the purposes named.

“We may further say that the use for the purposes named is but temporary, occasional and liable at any time to be denied by the district electors, and such occasional use does not convert the schoolhouse into a building for worship within the meaning of the constitution.”

We believe that the foregoing makes answer to the propositions submitted for determination, and that the school board in question can lawfully act in accordance with the principles stated.

Yours very respectfully,

LAWRENCE DEGRAFF.

INTOXICATING LIQUORS—SALE OF BY PHARMACISTS—General principles of law applicable thereto.

Des Moines, July 6, 1905.

MR. CHARLES W. PHILLIPS,

Secretary Pharmacy Commission.

MY DEAR SIR—I am in receipt of your request for a statement of legal principles governing the sale of intoxicating liquors by pharmacists, and in reply thereto respectfully submit the following:

The sale of intoxicating liquor by a pharmacist is a special privilege granted to him to be exercised only in strict compliance with the requirements of the statute, and it is his duty to know that he brings himself within the law. He sells at his peril. Our supreme court has said to hold otherwise would be to open wide the door for the evasion of this statute and give it a meaning at variance with its intent and purpose.

State v. Swallum, 111 Iowa, 39;

State v. Harris, 122 Iowa, 78.

A registered pharmacist has the right to compound and sell drugs and medicines, even though they contain intoxicating liquor, but he is not privileged to sell any preparation or compound, intoxicating in character, that might be used as a beverage.

State v. Gregory, 110 Iowa, 626.

Section 2385 of the code which governs the sale of liquors by a pharmacist, reads in part as follows:

“Registered pharmacists * * * may buy from permit holders intoxicating liquors (not including malt) for the purpose of compounding medicines, tinctures and extracts that cannot be used as a beverage; but nothing herein contained shall be construed to authorize the manufacture or sale of any preparation or compound under any name, form or device, which may be used as a beverage and which is intoxicating in its character.”

Section 2394 of the code provides that the request of the applicant for the purchase of intoxicating liquors, must state “the actual purpose for which the request is made and for what use desired”.

Our supreme court has said:

“The request for liquor must state the actual purpose for which the request is made and for what use desired. If for medicinal use, it must so state; if for chemical or mechanical purposes, the exact purpose and use for which required must be specified by the purchaser. No other construction can be given the

statute unless we eliminate therefrom the word 'specified' which was placed therein for the evident purpose of guarding against deception and fraud in the sale of liquor."

State v. Swallum, 111 Iowa, 39.

In brief, the permit holder may sell intoxicating liquors for such purposes as are specified in the statute and for no other. Persons holding permits are subject to the penalties prescribed for owning and keeping liquors with unlawful intent, or for keeping and maintaining a place in which such liquors are sold or kept for sale unlawfully.

State v. Douglass, 73 Iowa, 279;

State v. Webber, 76 Iowa, 686.

When proper requests have been made for the purchase of intoxicating liquor of a permit holder, the question of the seller's good faith in making the sale is an issue, and that question is one of fact for the jury.

State v. Cummins, 76 Iowa, 136;

State v. Huff, 76 Iowa, 203;

State v. Aulman, 76 Iowa, 628;

State v. Gregory, 110 Iowa, page 626.

If it can be shown that the liquor sold by a pharmacist is so compounded with other substances as to lose its distinctive character as an intoxicant and to be no longer desirable for use as a stimulating beverage and is in fact a medicine, then the law has not been violated in making the sale.

State v. Gregory, 110 Iowa, page 627.

Whether or not a pharmacist made sales of liquor as a medicine, it is competent to show the frequency of the sales, the appearance of the persons to whom the sales were made, whether the sales were made upon a prescription and any other fact which would tend to establish the mala fide character of the sale in question.

State v. Huff, 76 Iowa, 200.

A purchaser from the pharmacist may be interrogated as to the object of the purchase and may be questioned for the purpose of showing that the alleged object was a mere pretense.

State v. Cummins, 76 Iowa, 133.

A pharmacist cannot plead as a defense his lack of knowledge that the liquor sold is intoxicating.

State v. Lindoen, 87 Iowa, 702.

Nor can he defend by showing that the liquors sold were for an innocent purpose.

Craig v. Plunkett, 82 Iowa, 474.

Any liquor that contains alcohol is defined as an intoxicating liquor (Code section 2382), and such liquor is intoxicating in law regardless of the quantity to be used or the extent to which it is or may be diluted.

State v. Yager, 72 Iowa, 421.

In the recent case of *State v. Colvin et al*, 103 N. W., 968, the supreme court held that any liquor containing alcohol and used as a beverage is an intoxicating liquor. This is true regardless of the per cent of alcohol or whether or not the liquor is in its effect intoxicating. Sufficient to show that the liquor or liquid in question, contains some per cent of alcohol and is used as a beverage. This decision does not mean that every liquor containing alcohol is necessarily an intoxicating liquor and its sale prohibited by the statute, for it might be shown that the liquor in question was so compounded with other substances as to be no longer desirable for use as a stimulating beverage, and is in fact medicine. Under such conditions the sale is not unlawful.

State v. Laffer, 38 Iowa, 422;

State v. Gregory, 110 Iowa, 627.

In other words, the state would have the burden of showing in a prosecution of this character, that the liquor contained some per cent of alcohol and was or might be used as a beverage. Both facts would be mere matters of evidence upon the trial.

In conclusion it may be stated that laws regulating the sale of intoxicating liquors are regarded as police regulations, and in this state, prohibition is the rule and permission to sell is the exception; and he who claims the right to sell must bring himself within the exception.

Yours very respectfully,

LAWRENCE DeGRAFF.

CORONER—HOLDING OF INQUEST—It is the duty of the coroner to hold an inquest only where the person is supposed to have died by unlawful means.

Des Moines, July 7, 1905.

HON. JOHN J. HESS,
Council Bluffs, Iowa.

DEAR SIR—In reply to your favor of the 3d instant will say that section 515 of the code apparently defines the duties of a coroner as to holding inquests upon deceased persons. The language of the section indicates that it is his official duty to hold an inquest only where the person is supposed to have died by unlawful means, or in other cases required by law.

Section 2303 which applies to insane persons, provides:

“If a death shall occur suddenly and without apparent cause, or a patient dies and his relatives so request, a coroner’s inquest shall be held as provided by law.”

This, I think, is the only provision for holding an inquest upon deceased insane persons, except where it is believed they have died by unlawful means.

Section 516 provides that the coroner shall hold an inquest and make a careful inquiry into the cause of the death of a person connected with the working of a coal mine.

I know of no provision of the statute requiring the coroner to hold an inquest upon the body of a deceased insane person, where such person has died from natural causes, either in a public or private hospital.

I am,

Yours very truly,

CHAS. W. MULLAN.

INTOXICATING LIQUORS—SALE OF MALT LIQUORS BY PHARMACISTS—Permit holders may not lawfully sell or dispense malt liquors, nor buy the same for the purpose of compounding medicines, tinctures or extracts.

Des Moines, July 10, 1905.

FRED RUSSELL, *Esq.*,

Iowa State Pharmacy Commission.

DEAR SIR—Your favor of the 7th instant received in which you ask an official opinion upon the following question:

“Can a registered pharmacist, with or without a permit, sell malt liquors containing any alcohol, if it is sold not as a beverage, but as a medicinal preparation?”

In reply thereto I respectfully submit the following answer:

The sale of intoxicating liquor by a pharmacist is a special privilege granted to him to be exercised only in strict compliance with the requirements of the statute.

Section 2385 of the code provides as follows:

“Persons holding permits may sell and dispense intoxicating liquors, not including malt liquors, for pharmaceutical and medical purposes, and to permit holders for use and re-sale by them, only for the purposes authorized in this chapter. * * * Registered

pharmacists * * * may buy from permit holders intoxicating liquors (not including malt) for the purpose of compounding medicines, tinctures and extracts that cannot be used as a beverage; but nothing herein contained shall be construed to authorize the manufacture or sale of any preparation or compound under any name, form or device, which may be used as a beverage and which is intoxicating in its character."

Under the provisions quoted, it is quite apparent that the above question must be answered in the negative. The statute is plain and in fact does not require interpretation. Stripped of all verbiage the statute says that permit holders may not lawfully sell or dispense malt liquors, and that registered pharmacists may not buy malt liquors for the purpose of compounding medicines, tinctures, etc. This is the plain intendment of the statute and the exception therein specifically excludes the sale of malt whether the same is for medicinal purposes or otherwise.

Yours very respectfully,

LAWRENCE DEGRAFF.

DRAINAGE—ASSESSMENTS OF BENEFITS TO HIGHWAYS—Benefits accruing to highways by the construction of any improvement under the drainage act must be paid from the road funds of the district.

Des Moines, August 5, 1905.

HON. C. W. CRIM,
Estherville, Iowa.

DEAR SIR—Your favor of the 26th ultimo came to hand several days ago.

I have gone carefully over the provisions of the drainage law relating to the assessment of benefits to highways thereunder, having in mind at the same time the provisions of the road law and the control of the road funds by the trustees of the township.

I can reach no other conclusion than whenever any highway within the drainage district is beneficially affected by the construction of any improvement in said district under the drainage act, it is the duty of the commissioners to classify and assess the benefit accruing to the highway in the same manner as benefits to private property are classified and assessed under the provisions of the act. The controlling idea was clearly in the minds of the legislators at the time of the passage of the drainage act, that the benefits accruing to highways should be paid from the road funds of the district, and it may be that they did not carefully consider the possible result of this particular provision.

It is possible that in the practical operation of the law the various road funds of the state will not be so depleted as to cause serious inconvenience to the township trustees or prevent them from keeping the roads of the township in repair. In any event I think the construction suggested must be given the statute, and that method followed under the existing provisions thereof.

I am,

Yours very truly,

CHAS. W. MULLAN.

INSANITY COMMISSION—JUDICIAL FUNCTIONS OF—The finding of the board of commissioners of insanity is a judicial determination as to the sanity of the patient, the certificate of the physician appointed by the board to the contrary notwithstanding.

Des Moines, August 9, 1905.

MR. H. A. KINNAMAN,
Keokuk, Iowa.

DEAR SIR—I am in receipt of a letter signed by you, Theodore A. Craig and Ed. S. Lofton, commissioners of insanity for Lee county, in which you ask me whether the

board of commissioners of insanity has the power to commit a patient to a state hospital where the examining physician certifies that such patient is not insane.

Without going into the question at length, I will say that the board of commissioners of insanity, appointed under the provisions of section 2261 of the code, is a body invested with judicial functions; and that finding of such board upon the evidence authorized by the provisions of section 2265 of the code, is a judicial determination as to the sanity or insanity of the patient, so far as his commitment to a state hospital is concerned.

The certificate of the physician appointed by the board to make an examination of the condition of the patient, is not binding upon the board. It is in the nature of evidence required by statute which the board should consider with the other evidence adduced upon the investigation.

If upon all of the evidence the board finds that the patient is insane, he should be committed to a state hospital, although the certificate of the physician is to the effect that he is not insane.

A certified copy of the physician's certificate should accompany the warrant of commitment, and be delivered to the superintendent of the hospital by the sheriff or other person who is charged with conveying the patient to such hospital. That is, certified copies of all of the records required by section 2266 should accompany the warrant in all cases where a commitment is ordered.

I am,

Yours very truly,

CHAS. W. MULLAN.

SCHOOL DISTRICT—ISSUANCE OF BONDS—CONDITION OF—
School bonds may not be lawfully issued for any purposes except those specified in section 2812 of the code.

Des Moines, August 10, 1905.

MR. HUGH H. CRAIG,
Keokuk, Iowa.

DEAR SIR—Your favor of the 28th ultimo has been on my desk several days, but pressure of other business has prevented me from answering the same before.

While the question therein asked is not one upon which I can express an official opinion, unless the same should be referred to me by one of the departments of the state, I will suggest that I see no way under the provisions of the statute for your district to issue bonds for the outstanding indebtedness referred to, except upon a vote of the electors of the district.

Section 2812 specifically provides the purposes for which school bonds may be issued viz: (1) To pay any judgment against the corporation; (2) any indebtedness under bonds lawfully issued and redeemable by their terms; (3) school tax funding bonds to the extent of any lawful schoolhouse tax duly authorized by the voters; (4) school building bonds for the purpose of providing funds for the erection and completion and improvement of schoolhouses and the purchase of sites therefor.

School bonds may not be lawfully issued for any purposes other than those specified in the section referred to. If the electors of your district at a regular or special meeting called for the purpose should vote a schoolhouse tax sufficient to pay off the outstanding indebtedness, bonds could then be issued in anticipation of the collection of such tax, and the proceeds thereof used to discharge the indebtedness. I see no other way of meeting the conditions. I am,

Yours very truly,
CHAS. W. MULLAN.

DENTISTRY—CERTIFICATE TO PRACTICE—The board of dental examiners has the power in its discretion to restore a certificate forfeited by the holder thereof.

Des Moines, August 10, 1905.

DR. E. D. BROWER,
Le Mars, Iowa.

DEAR SIR—I am in receipt of your favor of the 5th instant enclosing a letter of Mr. J. Hilsinger, relating to the right of Dr. Rebman to have his certificate to practice dentistry in the state of Iowa restored to him by the state board of dental examiners.

Under the original dental act a certificate which was forfeited by the holder could only be restored upon the holder thereof paying to the dental board of examiners the sum of twenty-five dollars. This statute recognized the power of the state board of dental examiners to restore a forfeited certificate, and placed a restriction upon such power. The act of 1890, repealing the former law, placed no such restriction upon the state board of dental examiners, and under the present law I think the board has the power in its discretion to restore a certificate which has been forfeited by the holder thereof.

I am,

Yours very truly,

CHAS. W. MULLAN.

MUNICIPAL CORPORATIONS—CONSTITUTIONAL LIMITATION ON INDEBTEDNESS THEREOF—It is held by the supreme court of Iowa that the constitutional provision that no municipal corporations shall incur indebtedness exceeding five per cent of its property, applies to the actual value of the property as returned by the assessor.

Des Moines, August 21, 1905.

MR. C. W. STUART,
Clarinda, Iowa.

DEAR SIR—The case which you refer to is that of *Halsey & Co. v. The City of Belle Plaine*. The opinion was handed down by the supreme court on the 13th day of July.

The effect of the holding of the court is that the constitutional provision that no municipal corporation shall incur an indebtedness exceeding five per cent of the value of its property, applies to the actual value as returned by the assessor, and not the taxable value or twenty-five per cent of the actual value, under the present law.

Under this decision all municipal indebtedness which does not exceed five per cent of the actual value of the property of such corporation, is valid, although it exceeds five per cent of the taxable value of such property.

I am,

Yours very truly,

CHAS. W. MULLAN.

INSANE—PAROLE OF PATIENTS—There is no statutory provision authorizing a reference of an application for the parole of an insane patient by the board of control to the county board of commissioners of insanity.

Des Moines, August 25, 1905.

DR. W. S. DEVINE,
Marshalltown, Iowa.

DEAR SIR—I am in receipt of your favor of the 21st instant.

I find no direct authority in the statute for the reference of an application for the parole of an insane patient to the county board of commissioners of insanity, although such has been the practice of the board of control for some time. It appears to have been a matter of comity between the board of control and the various county boards.

There being no direct authority in the statute for such act on the part of the board of control, and no provision of the statute fixing the compensation of the county commissioners for passing upon such application for parole, it follows that they are not entitled to charge or receive the statutory fee fixed by section 2309 of the code for performing the duties of their office as fixed by statute.

I am,

Yours very truly,

CHAS. W. MULLAN.

**MEDICAL PRACTICE ACT—EXEMPTION OF PHYSICIANS FROM
EXAMINATION—PROVISIONS OF THE LAW CONSTRUED.**

Des Moines, September 6, 1905.

HON. ALBERT W. HAMANN,
Davenport, Iowa.

DEAR SIR—In answer to your letter of August 29th, I will say that I am in receipt of a letter from Dr. Kennedy, secretary of the state board of medical examiners, giving the history of the Palmer case, and I find that Mr. Palmer does not now and never has either applied for or held a certificate to practice medicine or osteopathy in the state of Iowa.

Section 8 of the original act passed by the twenty-first general assembly, which provided for the examination of physicians and the issuance of certificates to practice medicine in the state of Iowa, exempted from the provisions of the act physicians who had, at the time of its passage, been in the practice of medicine in the state for five consecutive years, three of which had been in one

locality; and further provided that such physician should furnish the state board of medical examiners satisfactory evidence of such practice, and thereupon procure a certificate authorizing them to practice medicine in the state.

Section 9 of the act prohibited any person from practicing medicine or surgery in the state unless he had complied with the provisions of the act.

This law continued in force until the adoption of the code, and section 2579 of the code is a re-enactment of section 8 with but slight changes. That section, after defining who shall be deemed a practicing physician within the meaning of the act, exempts certain persons from its provisions and among them physicians who have been in the practice in this state for five consecutive years, three of which shall have been in one locality.

My view of this provision is that it is a re-enactment of section 8 of chapter 104 of the acts of the twenty-first general assembly, and that the physicians who are exempted by section 2579 of the code must have been in the practice of medicine in the state of Iowa five years prior to the fourth day of July, 1886.

It cannot be said that any person could acquire a right to practice medicine in the state of Iowa after the passage of chapter 104 of the acts of the twenty-first general assembly, without complying with its provisions, as any attempt to practice medicine in the state without complying with the provisions of that chapter was a criminal offense for which the offender could be arrested, fined and punished. And it cannot be said that the legislature intended that any person, who had been practicing medicine in violation of the provisions of chapter 104 of the acts of the twenty-first general assembly, and who by so doing had committed a criminal offense, should thereby gain the right to practice under the exemption provided in section 2579 of the code.

The true rule must be that the re-enactment of section 8 of chapter 104 of the acts of the twenty-first general assembly, as section 2579 of the code, is simply a continuance of chapter 104 in force in the state, except as amended by such re-enactment.

This view finds support in

Central Pac. R. Co. v. Shakelford, 63 Cal., 261;

People v. Sutter St. R. Co., 107 Cal., 604;

Ely v. Holton, 15 N. Y., 598;

Mudgett v. Liebes, 14 Wash., 482.

Also see, *Horn v. State*, 114 Ga., 50, where it is said:

"In case a statute is re-enacted and some of the provisions of the old law are omitted from the new, this constitutes a repeal of the omitted provisions; but the re-enacted provisions are to be read as part of the earlier statute and not of the re-enacted one, if they conflict with another statute passed after the first but before the last act."

I am,

Yours very truly,

CHAS. W. MULLAN.

COUNTY RECORDER—The county recorder must report quarterly to the board of supervisors, make an annual settlement with the board and pay over all fees received by him during the preceding year.

Des Moines, September 7, 1905.

MR. U. G. DECK,

Oskaloosa, Iowa.

DEAR SIR—The matter concerning which you write is not one upon which I can express an official opinion, unless it should be referred to me by one of the departments of the state, and perhaps should be referred by you to the county attorney who is by law your legal adviser. I will, however, make the following suggestions:

The act of the thirtieth general assembly did not change the law regarding the duty of the county recorder to report quarterly under oath to the board of supervisors, all fees

collected by him, and to make an annual settlement with the board on the first Monday in January of each year and pay into the county treasury all fees received by him, except that he is not permitted to retain any fees received, and is to be paid an annual salary as provided in chapter 21 of the acts of the thirtieth general assembly.

A fair construction of section 495 of the code, as amended by the act of the thirtieth general assembly, appears to be that the recorder must settle annually with the board of supervisors and pay over all fees received by him during the preceding year; that he must also during each quarter of the year report to the board the amount of fees which he has received. If for safety, convenience and dispatch of the business of his office, he desires to pay over quarterly the fees received by him, no objection can be made to his so doing under the provisions of the statute.

It is a well settled rule of law that no public officer can charge fees for any service performed by him, except such as are specifically fixed by statute, and section 498 of the code provides that the recorder shall charge and receive for recording each instrument containing four hundred words or less, fifty cents; and for each additional one hundred words or fraction thereof, ten cents. He is not entitled to charge or receive any fees in addition to those provided for by the section referred to.

If a deed transferring both land and town lots is recorded in the record of land deeds and also in the record of deeds of town lots, under the provisions of section 2941 of the code, I think you would be entitled to charge for recording the same in both records.

I am,

Yours very truly,

CHAS. W. MULLAN.

SCHOOL BOARD—POWER TO DEFINE A SCHOOL DAY—It is within the power of the board of directors, with the consent of the county superintendent, to reduce the number of hours of the school day.

Des Moines, September 7, 1905.

MR. THEODORE SAAM,
Lake City, Iowa.

DEAR SIR—I am in receipt of your favor of the 5th instant.

I think it is within the power of the board of directors, with the consent of the county superintendent, to shorten the number of hours of a school day in any of the departments, under the provisions of section 2773, if the circumstances warrant or demand the reduction of the school hours of the day.

I am,

Yours very truly,

CHAS. W. MULLAN.

COUNTY TREASURER—SETTLEMENT WITH THE BOARD OF SUPERVISORS—CODE SECTIONS 1416 AND 1458 CONSTRUED.

Des Moines, September 13, 1905.

HON. HUGO F. GOELDNER,
Sigourney, Iowa.

DEAR SIR—Replying to your favor of the 12th instant, I beg leave to say that the provisions of sections 1416 and 1458 of the code, in my opinion relate to the settlement required to be made by the board of supervisors with the county treasurer semi-annually, and the credits given him for unavailable taxes under the provisions of section 1458 do not in any wise change the character of such taxes. If any part of the taxes for which credit is given the county treasurer as unavailable, is afterwards collected, the tax so collected should be distributed among the several funds in the same manner as though it had never been credited to the county treasurer as being unavailable.

I know of no decision of the supreme court directly construing these statutes, but think they are not susceptible of any other construction than the one suggested.

I am,

Yours very truly,

CHAS. W. MULLAN.

SCHOOL DISTRICTS—EFFECT OF CHANGING THE LINES OF
A CIVIL TOWNSHIP ON THE BOUNDARIES THEREOF.

Des Moines, September 21, 1905.

HON. F. E. NORTHRUP,

Marshalltown, Iowa.

DEAR SIR—I beg leave to acknowledge the receipt of your esteemed favor of the 19th instant.

In answer will say that the matter concerning which you write is not one upon which I can express an official opinion, unless the same should be referred to me by one of the departments of the state.

I will, however, suggest that the status of the school districts annexed to Marion township by the board of supervisors is a matter of some doubt, as there is no provision of statute governing cases of that character. The language of section 551 indicates that if the board of supervisors changes the lines of any civil township, and the lines as changed correspond with those of the congressional township, it may divide any school district or township without a vote of the electors. It also indicates that if a school district is divided, the part segregated from the township ceases to be a part of that school district.

In the case under consideration, if Marion township was organized upon the township district plan, I think there would be no doubt that the territory set off from Linn township and annexed to Marion, would become a part of such township district; but the fact that Marion township is organized upon the independent district plan leads

me to the conclusion that the territory severed from Linn and annexed to Marion must also organize as independent school districts, and become a part of the independent school district system of Marion township.

There is no doubt of the power and right of the electors of such territory to so organize, and that such an organization would be legal in every respect. If done, it will be a solution of the question.

I am,

Yours very truly,

CHAS. W. MULLAN.

FISH AND GAME LAW--FEES TAXABLE TO AN INFORMANT FOR A VIOLATION OF--An informant in any prosecution for a violation of the fish and game law is entitled to a fee of five dollars upon each count upon which there is a plea of guilty or judgment of conviction.

Des Moines, October 16, 1905.

MR. W. P. STONE,
Spirit Lake, Iowa.

DEAR SIR—I am in receipt of your favor of the 14th instant. While the matter concerning which you write is not one upon which I can express an official opinion, unless the same should be referred to me by one of the departments of the state, I will suggest that the present statute contains no provision which entitles the informant to one-half of the fine imposed for violation of the game laws.

Section 2559 provides that upon conviction there shall be taxed as a part of the costs in the case a fee of five dollars to the informant, and a like fee of five dollars to the attorney prosecuting the case, upon each count upon which there is a plea or verdict of guilty and a judgment of conviction; but in no event shall this fee be paid out of the county treasury.

Section 2556, which fixes the penalty that may be imposed for a violation of the game law, provides that the person convicted shall stand committed to the county jail for thirty days, unless the fine which is imposed by the court, and the costs of prosecution, are sooner paid.

The costs of prosecution referred to in the section last named include the fee of five dollars upon each count upon which there is a conviction, which should be taxed for the benefit of the informant, and the person convicted should be required to pay both fine and costs before being released. The informant is not entitled under the statute to any part of the fine, and Mr. Blackburn cannot under its provisions have any part thereof paid to him by the county.

I am,

Yours very truly,

CHAS. W. MULLAN.

CRIME—SENTENCE—ESCAPE OF PRISONER—EXTRADITION—

- (1) When any person escapes from a penal or reformatory institution, the period during which he is at large may not be deducted from the term of his sentence (2) Extradition will not lie for an escaped inebriate.

Des Moines, October 25, 1905.

HON. W. M. STRAND,
Decorah, Iowa.

DEAR SIR—I am in receipt of your favor of the 20th instant. In answer will say that I think the rule is that where a person is sentenced to serve a term in any penal or reformatory institution, and he escapes therefrom, and by his own misconduct prevents the execution of the sentence, in whole or in part, the period during which he is at large should not be deducted from the term of his sentence. He may be retaken, even after the time at which his term would have expired had he remained in confinement, and be compelled to serve out the term of sentence.

This rule, I think, applies to inebriates who are sentenced to a reformatory institution.

Extradition will not, in my opinion, lie for an escaped inebriate. It is authorized only in cases where a person is charged with the commission of a crime.

I am,

Yours very truly,

CHAS. W. MULLAN.

CORPORATION— ASSIGNMENT OF STOCK—A corporation cannot by a by-law prohibit or restrict a stockholder therein from selling his stock to whom he pleases.

Des Moines, October 25, 1905.

HON. B. F. CARROLL,

Auditor of State.

DEAR SIR—The rule, as established by what is practically an unbroken line of authorities, is that a stockholder of a corporation cannot be prohibited or restricted from selling his stock to whom he pleases, by a by-law of the corporation. Such a by-law is of no force or effect. The authorities hold, however, that, if there is a provision in the articles of incorporation, or in the charter of the corporation, which restricts the sale of the stock by the stockholders, such an article is valid and enforceable, as the restriction arises with the corporation and is a part of its fundamental law.

I am,

Yours very truly,

CHAS. W. MULLAN.

LOAN AND TRUST COMPANIES—TIME DEPOSITS—LIMITATION AS TO AMOUNT—INVESTMENT OF FUNDS—(1) A loan and trust company may incur liabilities for time deposits to any amount not in excess of its available assets exclusive of its capital. (2) There is no provision of the statute defining or prescribing the character of the investments of the funds of a loan and trust company.

Des Moines, October 27, 1905.

HON. WM. L. EATON,
Osage, Iowa.

MY DEAR EATON—I am in receipt of your favor of the 25th instant, and will briefly give you my views as to the matters therein contained.

First. As you are aware, section 1889 of the code provides that loan and trust companies may receive time deposits subject to the same limitations as are now or may hereafter be prescribed for the receiving of deposits by state banks. The limitation upon the receipt of deposits by state banks is the provision of section 1611 that the liability of a corporation shall not exceed two-thirds of its capital stock, except risks of insurance companies and liabilities of banks not in excess of their available assets, not including their capital. In other words, a state bank may incur liability for deposits in an amount equal to its available assets, not including its capital.

The provisions of section 1889 make the provision of section 1611 referred to applicable to loan and trust companies. I think there is no other provision of statute upon the question, and the conclusion must be reached that a loan and trust company may incur liabilities for time deposits to any amount which is not in excess of its available assets, not including its capital.

You are undoubtedly familiar with the provisions of chapter 65 of the acts of the thirtieth general assembly, relating to the amount of capital required for the organization of loan and trust companies.

Second. I know of no provision of the statute limiting a loan and trust company in the investment of its funds, or requiring that its funds be invested in any particular class of securities. Under the statute such companies may loan money upon real estate securities in other states, and may buy municipal bonds, county and school warrants, and securities of like character, either within or without the state of Iowa. Such investments have been constantly made for many years by loan and trust companies in this state, and I have never heard their authority to do so questioned.

I am,

Yours very truly,

CHAS. W. MULLAN.

MUNICIPAL OFFICES—VACANCY IN—HOW FILLED—A vacancy in the office of mayor and all other elective offices in any city is filled by appointment by the city council thereof.

Des Moines, November 3, 1905.

MR. E. E. TRIEM,

La Porte City, Iowa.

DEAR SIR—I am in receipt of your favor of the 2d instant.

The matter concerning which you write is not one upon which I can express an official opinion, unless the same should be referred to me by one of the departments of the state. I will, however, as matter of courtesy to you and to my friends at La Porte City, give you my views.

Section 1272 of the code, as amended by chapter 41 of the acts of the thirtieth general assembly, provides the manner in which a vacancy in the office of a mayor of a city or town shall be filled, as follows:

“* *in the office of councilman or mayor of any city and all other elective offices, the city council may appoint any qualified elector to fill such vacancy, who

shall qualify in the same manner as persons regularly elected to fill such office, and shall hold office until the qualification of the officer elected to fill such vacancy, who shall be elected at the next regular municipal election."

The effect of this statute as amended is that the vacancy occurring in the office of mayor should be filled by appointment by the city council, and the person so appointed shall hold office until the next regular municipal election, and until the person chosen at that election to fill the vacancy has qualified and accepted the office to which he is elected.

The thought which appears to have been in the mind of the legislature in amending section 1272 was to dispense with a special city election for the purpose of filling a vacancy occurring in a city office, and to provide that such vacancy should be filled by appointment.

I am,

Yours very truly,

CHAS. W. MULLAN.

NOTARY PUBLIC—THE SEAL—The statute prescribes the words which shall appear on the seal of a notary public and its provisions are mandatory.

Des Moines, December 4, 1905.

MR. A. E. IRVINE,
Oelwein, Iowa.

DEAR SIR—I am in receipt of your favor of the 2d instant. In answer will say that I think the statute of Iowa requires the words "Notarial Seal" to be engraved upon the seal of every notary public in the state. The statute has prescribed the words which shall appear upon such seal, and its provisions are mandatory. The engraving of other words of like import is not a substantial compliance with the provisions of the statute.

I am,

Yours very truly,

CHAS. W. MULLAN.

ELECTIONS—THE AUSTRALIAN BALLOT SYSTEM—PROVISIONS
OF THE LAW.

Des Moines, December 5, 1905.

MR. C. B. SLEMP,
Abingdon, Va.

DEAR SIR—In answer to your letter of the 27th ultimo, I will say that the Australian ballot is used in all general elections in this state. There never has been any complaint that the rights of the minority have not been fully protected under our system.

In cities and towns the councilmen are the election judges. In the country precincts the township clerk and township trustees are election judges, subject in both cases to the rule that all of the judges shall not be of one political party, and if all of the city or town council or the clerk and trustees of a township belong to the same political party, the law requires that one of their places shall be taken by a competent person belonging to another political party.

In cities and towns special police are appointed to preserve order and to enforce the provisions of the Australian ballot system.

No persons are, during the receiving and counting of the ballots, permitted to loiter or congregate or to do any electioneering or soliciting of votes within one hundred feet of any outside door of any building affording access to any room where the polls are held, except that three persons from each political party having candidates to be balloted for may be appointed by such party as challenging committees and may remain at the polls for that purpose, and for the further purpose of witnessing the casting and counting of the ballot.

Any person who conducts himself in a noisy, riotous or disorderly manner at or about the polls so as to disturb the election, or insults or abuses the clerks or commits a breach of the peace, must be at once arrested, either by the regular or special police or constable of the voting precinct.

Our system works very well in this state, but it is possible that it would not be successful in very large cities.

I am,

Yours very truly,
CHAS. W. MULLAN.

OFFICIAL BONDS—The statute prescribes the conditions to be incorporated in an administrator's or executor's bond.

Des Moines, December 6, 1905.

HON. W. E. WALLACE,
Williamsburg, Iowa.

DEAR SIR—I am in receipt of your favor of the 5th instant.

Without going into the question which you ask at length, I will say that a careful reading of sections 1183 and 3301 of the code, and section 1177-a of the supplement to the code, confirms me in the opinion which I have always had with reference to the conditions to be incorporated in an administrator's or executor's bond; that is, that the conditions of the bond should be substantially those provided for in section 1183 of the code.

Section 3301 provides that the penalty of the bond shall be fixed by the court, and when so fixed the executor or administrator must execute and file his bond conditioned for the faithful discharge of the duties imposed upon him by law, and the conditions so imposed are those specified in section 1183, and should be incorporated in the bond.

I am,

Yours very truly,
CHAS. W. MULLAN.

CLERK OF COURT—ISSUING OF MITTIMUS—It is the duty of the clerk at once when judgment of imprisonment or fine and imprisonment is entered by the court, to issue a mittimus.

Des Moines, December 8, 1905.

MR. THOS. HICKENLOOPER,
Albia, Iowa.

DEAR SIR—I am in receipt of your favor of the 8th instant, and in answer will say that while the question contained in your letter, is not a matter upon which I can give an official opinion unless it should be referred to me by one of the departments of the state, I will call your attention to the case of *Miller v. Evans*, 115 Iowa, 101 which is, I think, decisive of the question submitted. In that case it is said:

“It was undoubtedly the duty of the clerk to issue mittimus, and of the sheriff to execute the same, promptly upon the rendition of judgment.”

This statement refers to a judgment by which the defendant was sentenced to pay fine of \$300 and costs of prosecution, and to stand committed to the jail of Linn county, Iowa, for a period of ninety days, unless said fine is sooner paid.

Under sections 443 and 444 of the code, it appears to be the duty of the clerk at once, when judgment of imprisonment or fine and imprisonment until such fine is paid, is entered by the court, without waiting for an order from any one, to issue a mittimus and place the same in the hands of the sheriff for execution.

I am,

Yours very truly,

CHAS. W. MULLAN.

SCHOOL DISTRICTS—RESTORATION OF TERRITORY—When territory has been severed from a school district to which it geographically belongs, it may be restored by (1) a concurrence of the two boards of the respective school townships; or (2) upon a written application of two-thirds of the electors residing upon the territory, with the concurrence of the county superintendent and the board of the school corporation receiving back the territory.

Des Moines, December 9, 1905.

HON. M. X. GESKE,
Elkader, Iowa.

DEAR SIR—I am in receipt of your favor of the 5th instant, and in answer will say that section 2792 of the code provides two methods by which territory may be restored to a school district to which it geographically belongs when it has been previously severed therefrom. ..

First. By a concurrence of the two boards of the respective school townships.

Second. Upon a written application of two-thirds of the electors residing upon the territory set off or attached, with the concurrence of the county superintendent and the board of the school corporation which is to receive back the territory.

In the second method of procedure there must be a petition signed by two-thirds of the electors and the concurrence of the county superintendent, and the board of the school district which is to receive the territory.

In the case of *Johnston v. Sanborn* there was no concurrent action of the county superintendent, which was necessary, under the method of procedure pursued in that case, to transfer the territory to the school township of

Summit. The petition signed by the electors of the territory was presented to the board of directors of the independent district of Sanborn for its concurrence, and not to the county superintendent, as the law requires.

I see no conflict between the case of *Johnston v Sanborn* and the provisions of the statute.

I am,

Yours very truly,

CHAS. W. MULLAN.

COUNTY ROAD FUND—EXPENDITURE OF—No part of the county road fund can be used for paying the members of the board of supervisors for committee service, nor can a contract be let to any member of the board for any portion of the work for which the tax is to be expended.

Des Moines, December 9, 1905.

HON. J. B. DUNN,
Bedford, Iowa.

DEAR SIR—I am in receipt of your favor of the 29th ultimo. In answer will say that I see no distinction between the expenditure of the county road fund levied under section 1530 of the supplement to the code, and the expenditure of any other tax levied for a special purpose by the board of supervisors under a provision of law authorizing the same. Such road fund, so far as its expenditure is concerned rests up the same footing as a bridge fund, or a special fund to be used for a particular, designated purpose.

In all such cases I think that no part of the fund can be used for paying members of the board of supervisors for committee service, nor can a contract be let to any member of the board for any portion of the work for which the tax is to be expended. Whatever is done in

the nature of overseeing, the work performed by a member of the board of supervisors must be done as a committee appointed by the board, and the compensation of such member for committee service should be paid under the provisions of section 469 of the code.

I know of no decisions bearing upon the question, but it seems to me that no other conclusion can be logically reached than that herein indicated.

I am,

Yours very truly,

CHAS. W. MULLAN.

OFFICIAL BONDS—SUIT ON PRIOR TO THE EXPIRATION OF THE TERM—Suit on the bond of a county official may be instituted upon any breach of the obligation of the bond, although the term of office has not expired.

Des Moines, December 14, 1905.

HON. W. G. BLOOD,
Keokuk, Iowa.

DEAR SIR—I am in receipt of your favor of the 16th ultimo. An answer thereto has been delayed on account of extreme pressure of business.

I will briefly give you my views upon the questions contained in your letter.

(1). I think the provisions of section 337 apply to all precincts in the county alike, and that the list of jurors drawn by the board of supervisors must be drawn from all the lists taken from the poll books of the various voting precincts in the county.

(2). The question whether an action may be maintained upon the bond of a county official prior to the expiration of his term, depends very largely upon the wording of the bond. The intention of the obligor and obligee in the bond must be deduced from its language. Where the bond requires the official performance of the

duty of the obligor during his term of office, and there has been a failure to perform such duty on the part of the officer, such failure is a breach of the obligation of the bond, and action may be maintained thereon, although the term of office has not expired.

In Murfree on Official Bonds, section 497, the general rule is stated as follows:

"The general rule is, however, as above stated, that where the guaranty is for the due performance of duty, the breach occurs, and the cause of action accrues, whenever the duty is not duly performed."

In *State v. Nevin*, 19 Nevada, 162, an action was brought upon a county treasurer's bond before the expiration of the office for a breach of its conditions, whereby he failed to retain in his possession as such treasurer the money of the county. In that case a part of the money belonging to the county had been stolen from the treasurer and his defalcation was admitted. Action was brought upon his official bond before the expiration of the term of his office, and the defense that the action was premature was urged. The supreme court of Nevada in passing upon the question said:

"The other positions taken by appellant relative to the time when the cause of action could be commenced, are wholly untenable. Having admitted the defalcation and claimed the right to interpose the defense inserted in his answer, the state was not compelled to wait until the close of appellant's term of office before commencing an action upon his bond."

This is the only case I have been able to find which is directly in point upon the question, but the principle there announced appears to be conclusive.

(3). In a recent opinion given by me to the treasurer of state, I have held that the extension of the term of office of all officers whose terms are extended one year by the constitutional amendment, is in the nature of a new term, and that the bonds given by them for the term for which they were originally elected do not cover

such extension. Under this rule every county treasurer whose term of office is extended must give a new bond and make a settlement with the county when he enters upon the term created by the constitutional amendment, precisely as if he were entering upon a new elective term, and he must account for and deliver to himself as his successor in office all moneys which should be on hand and held by him as county treasurer.

I am,

Yours very truly,

CHAS. W. MULLAN.

PUBLIC SCHOOLS—POWER OF BOARD OF DIRECTORS TO COMPEL VACCINATION—It is within the power of the school board to exclude children from the public schools who have not been vaccinated, when there is an epidemic or threatened epidemic of small pox, but there is no statute by which a local or the state board of health may compel persons to be vaccinated.

Des Moines, December 15, 1905.

MR. L. B. MOFFETT,

Oelwein, Iowa.

DEAR SIR—Your favor of the 5th instant came to hand several days ago, but extreme pressure of other business has prevented my answering the same.

There is no statute by which a local or the state board of health can compel persons to be vaccinated. It is within the power of a school board to exclude children from the public schools who have not been vaccinated, when there is an epidemic, or a threatened epidemic, of smallpox. The courts have never gone so far as to hold that children can be excluded from the public schools for the reason that they are not vaccinated, under other circumstances or conditions.

If there is an epidemic, or a threatened epidemic, of smallpox in Oelwein, the board has the power to exclude pupils from the schools who are not vaccinated, but beyond that it may not go.

Section 2823-a of the supplement to the code makes the parents or guardians of children between the ages of seven and fourteen guilty of a misdemeanor if they prevent such children from attending school unless a sufficient reason exists therefor. But I do not believe the provisions of that section can be so far extended as to require parents or guardians to have their children vaccinated that they may attend the public schools where vaccination is required by the board, and I think that parents or guardians would not be guilty of a misdemeanor under the provisions of the section because they failed to have their children vaccinated under such circumstances.

The condition presented in your letter is one which has not been provided for by the legislature, and as the public health and public welfare are of the first importance, the order of the board to exclude the children from the public schools should be carried out, even though the children were excluded from the public schools under the compulsory educational law.

I am,

Yours very truly,

CHAS. W. MULLAN.

INSANE—RIGHT OF ONE COUNTY TO MAINTAIN AN ACTION
AGAINST ANOTHER UNDER THE PROVISIONS OF CHAPTER
16 TITLE 12 OF THE CODE—It is held that such an
action may not be maintained.

Des Moines, December 22, 1905.

HON. WILLARD H. PALMER,
Maquoketa, Iowa.

DEAR SIR—Without going into the questions at length which are submitted by your letter, I will say—

First. I know of no statute which authorizes a county of this state to maintain an action against another county for money expended under the provisions of chapter 16 of title XII of the code and amendments thereto, and

under the ruling in the recent case of *State v Colligan* there must, I think, be a provision of the statute authorizing such action before it can be maintained.

Second. I think your construction of the provisions of section 2569 as to the powers and duties of the township trustees acting as a local board of health thereunder, is correct; but I think an action by injunction for the removal of the building and to prevent the waters of the stream being polluted, will lie and should be granted by a court, and I further think that the proprietors of the rendering works should be indicted if they persist in carrying on the business at the place named.

I am,

Yours very truly,

CHAS. W. MULLAN.

JUSTICE OF THE PEACE—POWER TO APPOINT A GUARDIAN AD LITEM—A justice of the peace has power to appoint a guardian ad litem to defend for a minor in a civil action brought before him.

Des Moines, December 22, 1905.

MR. I. J. SAYRS,
Jewell, Iowa.

DEAR SIR—Without going into the question submitted in your letter at length, I will say that I think it is within the power of a justice of the peace to appoint a guardian ad litem to defend for a minor in a civil action brought in a justice court, and that such guardian may be appointed upon motion of the plaintiff.

Section 3482 provides that no judgment can be rendered against a minor until a defense is made by a guardian. This provision is general and applies to inferior as well as superior courts.

In *Mockey v. Grey*, 2 Johns, 192, and in *Bullard v. Spoor*, 2 Cow., 390, it was held by the New York court that a justice of the peace has power to appoint a guardian ad litem under a statute containing substantially the same provision as ours as to the rendition of a judgment against a minor.

I am,

Yours very truly,

CHAS. W. MULLAN.

CONSTABLE—FEES ALLOWED--A constable is entitled to charge for the actual expenses incurred by him in the service of a warrant and the conveyance of the person arrested to the county jail, but he is not permitted to charge double mileage.

Des Moines, December 22, 1905.

HON. EDWARD S. WHITE,
Harlan, Iowa.

DEAR SIR—In answer to your favor of the 21st instant, I will suggest:

First. Under the provisions of section 1292 of the code a constable is entitled to charge for the actual expenses incurred by him in the service of a warrant of arrest and the conveyance of the person arrested to the jail of the county, or the court where such warrant is returnable. The section referred to provides that every officer who shall arrest any one with a warrant or order issued by any court or officer shall be allowed the same fees and expenses as provided for in case such service is by the sheriff. Subdivision 3 of section 511 provides for the repayment of any amount actually paid by the sheriff as necessary expenses in executing a warrant.

There is no provision in section 4598 as to the expenses incurred in executing a warrant by a constable. He would therefore be entitled, under the provisions of the section referred to, to charge the actual expenses incurred by him in executing such warrant.

Second. I think the principle laid down in *Redfield v. Shelby County*, 64 Iowa, 11, is controlling as to the question of the right of a constable to charge double mileage. In my letter to you of April 11, 1905, I said I knew of no rule of law which permitted a constable to charge double mileage. The law permits every constable to charge five cents a mile for actual travel only, and where a constable has a number of subpoenas or warrants to serve in one locality, if he were permitted to charge mileage upon each one of such subpoenas or warrants, he would be charging mileage for distance which had not been actually traveled by him in such case.

I am,

Yours very truly,

CHAS. W. MULLAN.

REGISTRATION OF BIRTHS AND DEATHS—It is the duty of the registrar of vital statistics to obtain and report to the clerk of the district court births and deaths occurring within the district during the preceding year.

Des Moines, December 23, 1905.

MR. R. B. OLDHAM,
Greenfield, Iowa.

DEAR SIR—I am in receipt of your favor of the 21st instant, and in reply will say that the matter concerning which you write is not one upon which I can express an official opinion, unless it should be referred to me by one of the departments of the state.

I will, however, suggest that chapter 100 of the acts of the thirtieth general assembly covers the entire subject relating to the registration of births and deaths. The manner in which births and deaths shall be registered is set forth in that chapter in detail, and all acts or parts of acts in conflict therewith are repealed by a provision of the act referred to. The effect of enacting chapter 100 of the acts of the thirtieth general assembly is to relieve assessors of the duty of obtaining and reporting to the clerk of the district court births and deaths which have occurred within their respective districts during the preceding year, and has placed the duty of obtaining information as to such births and deaths upon the registrar of vital statistics in each district.

It is not, therefore, necessary for the assessors to ascertain or make a report of births and deaths at the time of the assessment of property in their respective districts.

I am,

Yours very truly,

CHAS. W. MULLAN.

MULCT LAW—WITHDRAWAL OF NAME FROM PETITION OF
CONSENT—Any signer of a petition of consent for the
operation of a saloon under the mulct law, may with-
draw his name from such petition at any time before
it is acted upon by the board of supervisors.

Des Moines, December 28, 1905.

MR. I. F. DIFENBAUGH,
218 N. Walnut Street,
Creston, Iowa.

DEAR SIR—I am in receipt of your favor of the 27th in-
stant. Although the matter concerning which you write
is not one upon which I can express an official opinion un-
less the question should be referred to me by one of the

departments of the state, I will make the following suggestions as to the law controlling the conditions which appear to exist:

Under the ruling of the supreme court in *Green v. Smith*, 111 Iowa, 183, an elector, who signs a petition of consent for the operation of saloons under the mulct law, may withdraw his name from such petition at any time before it is acted upon by the board of supervisors. When, however, the board of supervisors has acted upon such petition its action is an adjudication either that the petition is sufficient or insufficient, and if it is found by the board to be sufficient the names of the electors subscribed thereto cannot be withdrawn after such adjudication.

After the petition has been adjudged sufficient by the board of supervisors it is effectual as to the consent given to conduct saloons under the mulct law; until it is revoked or forfeited in the manner provided by section 2451 of the supplement to the code.

I am,

Yours very truly,

CHAS. W. MULLAN.

INDEX.

	Page
Accident:	
See INSURANCE.	
Andersonville Monument Commission:	
Title to land selected as a site for Iowa monument.....	196
Appropriations:	
Construction of chapter 177 of the acts of the Twenty-ninth General Assembly.....	92
Louisiana Purchase Exposition:	
Construction of chapter 164 acts of the Thirtieth General Assembly.....	107
Payment of cost of publishing report of.....	230
Unexpended balance of the annual appropriation for state library commission carried over into succeeding year.....	115
Farmers' institute entitled to aid from state, when.....	309
Ballot:	
See ELECTIONS.	
Banks and Banking:	
Shares of national banks are credits from which the owner's valid debts may be deducted.....	54
Savings banks; right to sell, discount and loan upon commercial paper.....	89
A loan and trust company may not conduct a banking business; exception.....	251
Biennial Election Amendment:	
Provisions of construed; vacancy in office, how filled thereunder.	278
Extension of term of public officer thereunder.....	306
Necessity for all officers to requalify under terms thereof.....	315
Births and Deaths:	
Local registrars of vital statistics; who are.....	170
Duty of local registrar of vital statistics to issue burial permits...	353
Duty of the registrar to make report of to clerk of court.....	445
Board of Control:	
Payment of bills for demurrage charges; how paid.....	70
Power to designate and approve institutions which shall have control of children committed.....	165
Power of in relation to parole of insane patients.....	421
Board of Educational Examiners:	
A teacher may be employed to give instruction on subjects in which he was not examined.....	42
State certificates and diplomas granted only upon examination	327

	Page
Board of Health:	
State:	
May adopt regulations for the inspection of petroleum products..	127
Vaccination may be required of pupils attending the public schools	393, 441
Local:	
Expenses of quarantine to be paid by the public.....	320
Power of to establish quarantine against contagious diseases....	338
Board of Medical Examiners:	
Power to revoke certificates to practice.....	85
Power of with respect to issuing subpoenas for witnesses.....	167
Examinations by applicant for certificates to practice; number of	167
Power of with respect to granting examination to applicant who is blind or otherwise incapable mentally or physically.....	233
Board of Supervisors:	
Construction of dike and fishway in the drainage of a lake; paid from the district drainage fund.....	248
Auditing and allowing claims for expenses of an insane patient at state hospital when legal settlement is in a county other than from which the patient is sent.....	236
Duty to furnish county attorney with office.....	329
Disposition of proceeds from sale of swamp lands by.....	335
Power of to authorize payment of fees of justices of the peace....	366
Void resolution of confers no authority upon county auditor to draw warrants.....	385
Power of to grant a franchise	402
Reports of county recorder to.....	424
Settlement of county treasurer with.....	426
County road fund may not be used for paying members for committee services.....	438
Board of Trustees:	
Iowa State College of Agriculture and Mechanic Arts:	
Power of board to lease building sites to members of faculty.....	243
Investment of proceeds from sale of lands; kind of securities.....	372
Bonds:	
Issued by the Sanitary District of Chicago.....	67
Debenture bonds may not be issued by savings banks.....	128
Validity of; executed by foreign corporation.....	289, 371
Requirement of public officers to furnish new bonds under biennial election amendment.....	306
Issuance of by school district; conditions of.....	419
Administrators; conditions of fixed by statute.....	435
Suit on bond of county official before expiration of term.....	439
Building and Loan Associations:	
Voluntary liquidation of; limitation of expenses.....	284
Capital Punishment:	
History of legislation in Iowa.....	375

	Page
Capitol Decoration:	
Capitol commission contract construed.....	211
Census:	
Cost of transmitting census cards by county auditor.....	185
Enumeration of; powers of executive council therein.....	256
Cities and Towns:	
Power of city council to construct bridges.....	191
Extension of corporate limits; effect on boundaries of school district.....	194, 395, 427
The indebtedness of an incorporated town does not affect the issuance of bonds by a school district within said limits.....	197
Liability of railway and acreage property for tax in support of public libraries.....	214
Improvements by a city creating a nuisance to state property may be abated.....	267
Park commissioner may not transfer park funds for other city purposes.....	322
Plat of; approval of by city council.....	346
Construction of water works by; limitation on indebtedness for...	347
Duty of local registrar of vital statistics to issue burial permits..	353
Fire limits; power of city council to establish.....	360
Township assessors; qualification as to residence.....	374
Power to levy and collect a tax on dogs.....	407
Constitutional limitation on indebtedness thereof.....	421
Vacancies in offices of; how filled.....	432
Civil Cases:	
Pending:	
In the district court of Iowa	32
In the supreme court of Iowa.....	33
In the United States circuit court Southern District of Iowa.....	34
Disposed of.....	23, 29
Clerk of Court:	
Duty of in issuing mittimus.....	436
Report of births and deaths by registrar of vital statistics.....	445
Coal Mine:	
Definition of; jurisdiction of the state over.....	285
Code:	
Sections of construed:	
337.....	439
360.. ..	289
443.....	436
457.....	407
468.....	262
495	425
510	325
511.....	403
551.....	427
615.....	396
643.....	401
732.....	215
757.....	191
860.....	323
916.....	346
1078.....	174
1081.....	356
1098.....	328
1169.....	398
1183.....	435

		Page
1266.....	277	124
1272.....	432	238
1292.....	444	414
1297.....	386	422
1304.....	38, 383	379, 415
1306-b.....	347	411
1311.....	56	344
1318.....	334	35
1331.....	220	447
1333.....	114	46
1330.....	215	48
1391.....	337	2548..... 84, 369
1393.....	367	2551..... 50
1403.....	337	2559..... 428
1413.....	45, 53	2561..... 51
1416.....	426	2568..... 338, 355
1458.....	426	2569..... 443
1467.....	396	2570..... 320
1477-d.....	182	2572..... 393
1482.....	402	2576..... 168, 233
1530.....	438	2579..... 85, 425
1532.....	187	2583..... 233
1533.....	44	2589..... 401
1540-a.....	45, 235	2629..... 42, 327
1589.....	379	2647..... 243
1637.....	370	2656..... 243
1675.....	310	2691..... 166
1694.....	240	2708..... 321
1709.....	161, 204	2727..... 311
1736.....	39	2749..... 408
1747.....	163	2755..... 175
1749.....	36	2757..... 357
1751.....	161	2764..... 198
1765.....	326	2791..... 223
1779.....	120	2792..... 437
1782.....	37, 200	2802..... 194
1806.....	67, 117	2806..... 282
1808.....	121	2807..... 261
1842.....	223	2814..... 58
1843.....	252	2816..... 228
1850.....	89, 271	2848..... 392
1856.....	223	2855..... 388
1889.....	254, 273, 431	2888-h..... 115
2180.....	283	3144..... 331
2184.....	218	3188..... 321
2209.....	179	3482..... 443
2212.....	219	4599..... 366
2261.....	418	4868..... 329
2266.....	236	5682..... 177
2283.....		
2292.....		
2303.....		
2309.....		
2385.....		
2394.....		
2415.....		
2448.....		
2451.....		
2539.....		
2545.....		
2548.....		
2551.....		
2559.....		
2561.....		
2568.....		
2569.....		
2570.....		
2572.....		
2576.....		
2579.....		
2583.....		
2589.....		
2629.....		
2647.....		
2656.....		
2691.....		
2708.....		
2727.....		
2749.....		
2755.....		
2757.....		
2764.....		
2791.....		
2792.....		
2802.....		
2806.....		
2807.....		
2814.....		
2816.....		
2848.....		
2855.....		
2888-h.....		
3144.....		
3188.....		
3482.....		
4599.....		
4868.....		
5682.....		

	Page
Collateral Inheritance Tax:	
Reporting of estates subject to, by county attorney; fees for same	181
Bequests to Home for the Aged of Des Moines exempt from payment of.....	326
Notice of appraisement; notes ordered paid considered assets,....	332
Real estate located outside of the state not subject to when fee passes directly.....	396
Commissioners of Insanity:	
Judicial functions of.....	417
Commissioner of Labor:	
Inspection of factories and buildings; law construed	377
Commitment:	
When term of imprisonment begins and ends.....	177
Term of imprisonment of escaped inebriate.....	304
Statute in force at time of commitment governs.....	321
Duty of clerk of court to issue mittimus.....	436
Common Carriers:	
Demurrage charges of; rules of Western Car Service Association construed.....	70
Convicts:	
Discharge of from state penitentiary; computation of term of commitment.....	177
Corporations:	
Payment of subscription to capital stock.....	64
Articles of incorporation of savings banks; recitals of.....	222
Subscriptions to the capital stock of an insurance corporation, when valid.....	238
Voluntary liquidation of building and loan associations.....	284
Right of loan and trust companies to acquire and hold stock of other corporations.....	292
A foreign corporation may not act as executor, administrator or guardian.....	370
By-laws of may not restrict stockholder from assigning his stock.....	430
Statute does not prescribe the character of investments of the funds of a loan and trust company.....	431
County Attorney:	
Compensation of for reporting estates subject to collateral inheritance tax.....	181
Liability of county for office rent, light, fuel, etc,	322, 329
Compensation of; recovery of money paid illegally under a void resolution of board of supervisors.....	385
Suit on official bond may be instituted, when.....	439
County Coroner:	
Inquest by; when necessary.....	414

	Page
County Recorder:	
Instruments filed for record; language of may not be changed by	381
Reports of to the board of supervisors.....	424
County Superintendent:	
Teacher in a public school may be employed to teach subjects in which he has not been examined.....	42
Cost of supplies for the office of must be paid from county funds	261
County Treasurer:	
Imposition of penalty on delinquent taxes.....	53
Certification as to taxes and assessments due on real estate.....	367
Compensation of.....	380
Reports of and settlement with board of supervisors.....	426
Crimes:	
Prosecution instituted at instance of defendant himself; effect of..	339
Capital punishment; history of legislation in Iowa.....	375
Assault with intent to murder; delivering a poisonous substance to be eaten.....	376
Effect of civil action on criminal prosecution.....	391
Escape of prisoner; time at large in relation to his sentence.....	304, 429
Criminal Cases:	
Submitted in supreme court of Iowa in 1904-1906,.....	12
Pending in supreme court of Iowa on January 1, 1906.....	21
Drainage:	
Assessments of benefits to highways; how paid.....	416
Dams:	
Maintenance of fishway therein.....	369
Dentistry:	
Certificate to practice; power of board to restore forfeited certi- ficate....	420
Dipsomania:	
See INEBRIATES.	
Elections:	
Registration of voters in school districts having a population of five thousand or more.....	174
Notice for special election to fill vacancy.....	277
Vacancy in office in state legislature; biennial election amend- ment construed.....	278
Necessity for public officers to re-qualify under terms of biennial election amendment.....	315
Conditions for placing names of candidates on official ballots....	328
Computation of time as to filing nomination papers.....	333
Women are qualified electors, when.....	343
Change of residence by incumbent in office is in effect a resig- nation	355
Registration of voters required in each year of presidential election.	356
Canvass of ballots by board is directory only.....	397
Qualified elector; the term defined.....	401
Australian ballot system; statutory provisions of.....	434

	Page
Escheat of Lands:	
Liability of escheated lands for debts of decedent.....	323
Examination:	
Dentistry:	
Power of board to restore forfeited certificate	420
Medicine:	
Number of examinations applicant is entitled to.....	167
Board may not grant examination to applicant who is blind..	233
Exemption of physicians from; conditions of	422
Pharmacy:	
Certificate to practice may not be granted without examination	399
Teachers:	
State certificates may be granted upon examination only....	327
May instruct in branches not examined in.....	42
Executive Council:	
Power to drain and sell meandered lakes.....	59
Power to convey land belonging to state	125
Payment of cost of transmitting census cards....	185
Powers of in census enumeration, ministerial and not judicial....	256
Power of to condemn land for purpose of constructing dikes.	270
Power of to print reports of executive officers of state institutions	311
Exemption:	
Statutory provisions relating to exempt property of soldiers, sailors and widows of such, apply to property without the county of their residence.....	38
Members of National Guard not liable to pay poll tax.....	178
Requests to Home for the Aged of Des Moines exempt from col- lateral inheritance tax	326
Soldiers' and sailors' exemption applies only to residents of this state	382
Extradition:	
See FUGITIVES FROM JUSTICE.	
Factory Inspection:	
Law governing; applies to cities organized under special charter	377
Farmers' Institute:	
Requirements necessary to secure aid from state.....	309
Fees and Expenses:	
Open accounts must be kept by auditor and treasurer of state of moneys received as fees from state boards and officers.....	172
Insurance agents' license fees paid to auditor of state; how held..	180
Fees of county attorney for reporting estates subject to collateral inheritance tax.....	181
Mileage earned by sheriff in serving civil processes belongs to sheriff.....	325

	Page
Payment of by board of supervisors to justices of the peace.....	366
Sheriff must account for fees for services in justice courts.....	403
Fees taxable to informant for violation of fish and game law.....	428
Of constable; entitled to be paid.....	444
Fire Limits:	
See CITIES AND TOWNS.	
Fish and Game Laws:	
A gun may be seized and destroyed as a public nuisance, when..	46
An artificial ditch connecting public with private waters comes within the purview of the game law.....	46
Jack snipe is not protected by.....	49
Venue of action in prosecution for illegal shipment of game.....	56
The term "Waters of the state" construed.....	340
The American coot or mud hen not a game bird.....	358
Fishways; maintenance of in dams.....	84, 369
Fees taxable to informant for a violation of.....	428
Foreign Corporations:	
Right of auditor of state to impose retaliatory measures upon insurance companies	39, 41
Foreign insurance companies are taxable at two and one-half per cent upon gross premiums.....	112
Power of attorney filed with auditor by foreign insurance com- pany may not be revoked.....	117
Validity of bonds executed by foreign surety companies.....	289
Power of to act as executor, administrator or guardian in this state.....	370
Fugitives from Justice:	
Power of governor to issue requisition for person charged with murder by sending poisoned candy through the mail....	336
Law governing crime in state demanding requisition determines status of.....	384
An escaped inebriate is not subject to extradition....	429
Hail Insurance:	
Statute does not limit amount of assessments in such companies..	325
Home for the Aged:	
Institution is charitable and gifts and bequests to are exempt.....	326
Inebriates:	
Escape of from asylum; period of imprisonment.....	304
Right of to demand trial by jury... ..	368
Extradition will not lie for escaped inebriate.....	429
Insane Persons:	
Correction of an erroneous charge to the county on the books of the auditor of state.....	111, 312
Cost and expenses for the care, commitment and transportation of	122
Payment of expenses for care of; chargeable to county of his legal residence.....	236

	Page
Payment of expenses for care and commitment of insane patient having no legal settlement in this state.....	302
Inquest upon the body of by coroner.....	414
Commission of insanity; judicial functions of.....	417
Parole of; power of commissioners of insanity therein.....	421
Right of one county to sue another for expenses of commitment, etc.....	442
Insurance:	
Power of an insurance company to appoint agents and fix compensation thereof.....	36
The auditor of state may impose retaliatory measures upon foreign insurance companies doing business in this state..	39, 41
Kinds of securities that insurance companies may deposit with auditor.....	67
Payment of taxes by foreign insurance company.....	112
Acceptance of securities of life insurance company by auditor....	117
Power of attorney filed with auditor by foreign insurance company may not be revoked.....	117
Fees paid to auditor of state by insurance company; how held...	180
Discriminations between persons insured; law construed.....	199
Kinds of insurance risks; physicians' liability policy construed; the term "accident" defined	204
Subscription to capital stock of corporations; when binding.....	238
Interstate Commerce:	
See INTOXICATING LIQUORS.	
Intoxicating Liquors:	
A saloon may not operate within three hundred feet of a church	35
Taxation of costs in proceeding to seize and condemn.....	344
Right of partner in drug business to sell....	373
Right of druggist to sell, in compounding medicines, tinctures, etc.....	378
Wood alcohol not within the definition of.....	390
Sales of in relation to interstate commerce.....	394
Sale of by pharmacists; general principles of law applicable thereto.....	410
Pharmacists may not sell or dispense malt liquors.....	415
Joint Resolution:	
See LEGISLATION.	
Justice of the Peace:	
Transcript; certification of to county auditor.....	366
Fees received by sheriff for services performed in a justice court..	403
Power to appoint a guardian ad litem.....	443
Constable; fees to which he is entitled.....	444
Legal Settlement:	
Payment of costs and expenses for care, commitment and transportation of insane person who has no legal settlement within state.....	122,302

	Page
Legislation:	
Essentials for valid law under the constitution	96
Library:	
State:	
Unexpended balance of annual appropriation must be carried over into the succeeding year.....	115
City:	
Taxation of railway and acreage property in support of.....	214
Loan and Trust Companies:	
Amount of capital stock of; examination by auditor of state ; cannot conduct a banking business.....	251
Powers and privileges of; general statutory requirements governing same.....	271
Right of to acquire and hold stock of other corporations.....	292
Investment of funds by; liabilities for time deposits.....	431
Louisiana Purchase Exposition Commission:	
Appropriations for; how apportioned and when available.....	107
Publication of report; cost to be paid from what fund.....	230
Marriage License:	
Solemnization authorized in county of issuance.....	330
Meandered Lakes and Streams:	
The executive council may determine when any meandered lake bed shall be drained and improved.....	59
Cost of building and maintaining dike and fishway in the drainage of; how paid.....	248
Injunction will lie against person or persons attempting to drain meandered lake.....	250
Land cannot be condemned for the purpose of constructing dikes	270
Meander lines follow ordinary high water mark in making survey of.....	280
Riparian owners own to the ordinary high water mark.....	288
Historical review of the subject.....	361
Title to lands bordering thereon defined.....	405
Medical Practice Act:	
Board of medical examiners may revoke certificate to practice, when.....	85
Number of examinations of applicant for certificate not limited by statute.....	167
Board of medical examiners may not grant privilege of taking an examination to applicant who is blind.....	233
Exemption of physicians from examination; conditions of.....	422
Mines and Mining:	
Definition of coal mine; jurisdiction of Iowa over mine workings.	285
Mulct Law:	
A saloon must cease its business whenever a church is built within three hundred feet thereof.....	35

	Page
Taxation of costs in proceedings to seize and condemn intoxicating liquors.....	344
Sale of intoxicating liquors by drug firm; rights of partner therein	373
Sales of intoxicating liquor in relation to interstate commerce....	394
Sales of intoxicating liquors by pharmacists.....	410, 415
Petition of consent; withdrawal of name of signer therefrom.....	446
Municipal Corporations:	
See CITIES AND TOWNS, ROADS AND HIGHWAYS AND SCHOOL DISTRICTS.	
Mutual Reserve Life Insurance Company of New York:	
Executive Agents' application thereof construed.....	36
Notary Public:	
Seal of; what words shall appear thereon.....	433
Official Newspapers:	
What constitute for purposes of publishing notices and processes	387
Legal definition of.....	404
Park Commissioner:	
Power of to transfer park fund for other city purposes.....	322
Peddler:	
License of; number required.....	324
Selling at wholesale to merchants does not constitute.....	352
Penalty:	
See TAXATION.	
Pharmacy:	
Prescriptions; ownership of.....	364
Permit to sell intoxicating liquors; rights of partner thereunder..	373
Druggists may dispense alcohol in compounding medicines, tinctures, etc....	378
Sale of wood alcohol by druggists..	390
Certificates to practice; forfeiture of.....	399
Sale of intoxicating liquors by druggists; conditions of.....	410
Malt liquors; sale of prohibited by law.....	415
Pharmacy Commission:	
Power to grant certificate to practice without examination.....	399
Plats:	
Approval of by a city council.....	346
Practice of Dentistry:	
See DENTISTRY.	
Practice of Medicine:	
See MEDICAL PRACTICE ACT AND BOARD OF MEDICAL EXAMINERS.	
Practice of Pharmacy:	
See PHARMACY.	

	Page
Public Office:	
Removal of member of state legislature to another district causes vacancy.....277,	355
Biennial election amendment construed as to vacancy in office in state legislature....	278
Extension of term of public officers under the biennial election amendment.....306,	315
Incompatible offices; member of school board ineligible to the office of school treasurer.....	357
Vacancy in municipal offices, how filled.....	432
Quarantine:	
Expenses of to be paid by public	330
Power of local board of health to establish.....	338
Registrar of Vital Statistics:	
See VITAL STATISTICS.	
Registration of Voters:	
Required in the year of each presidential election.....	356
In school districts having a population of five thousand or more..	174
Roads and Highways:	
Consolidation of road district; how effected.....	186
Assessments of benefits to highways accruing by improvements under drainage act.....	416
County road fund; expenditure of.....	438
Road Tax:	
The levying, collection and expenditure of	43,
Property within a city not subject to tax by township trustees....	359
Sac and Fox Indians:	
History of title to lands held by them.....	263
Saloon:	
May not operate within three hundred feet of a church.....	35
Petition of consent for; withdrawal or name of signer.....	446
Savings Banks:	
Right to sell, discount and make loans upon commercial paper	89
Right to issue debenture bonds.....	128
Articles of incorporation of, must contain what	222
Schools:	
A teacher may be employed to give instruction in subjects in which he was not examined.....	41
A schoolhouse site must be located upon an established highway .	58
Inmates of state institutions not counted in school enumeration. .	198
Rents from unsold school lands; disposition of.....	203
Schoolhouse site reverts to owner by reason of non-user.....	228
Schoolhouse tax; how voted	281

	Page
School building; use of for religious services.....	371
School lands; foreclosure of; payment of costs.....	388, 391
Use of building by a sectarian school; determined by electors	408
School day; board has power to define.....	426
School Directors:	
A schoolhouse site must be located upon an established highway	58
Limitation on powers of.....	229
Duty of in apportioning schoolhouse tax among subdistricts....	281
Member of board may not be school treasurer.....	357
Power of to permit religious services in school building.....	371
Power of to permit a schoolhouse to be used for sectarian purposes	408
Power of to define a school day.....	426
Power of in restoring territory to district.....	437
Power of to compel vaccination of pupils.....	441
School Districts:	
Registration of voters for school elections.....	174
Boundaries of changed by extension of the corporate limits of a city or town.....	194, 427
An incorporated town and the school district within same are distinct corporations as to indebtedness.....	197
Change of boundaries; limit of extension under section 2791.....	225
Extension of corporate limits of city or town; effect on.....	395
Issuance of bonds by; conditions of.....	419
Restoration of territory; how same may be done.....	437
Sheriff:	
Compensation of; mileage earned in serving civil processes belongs to.....	325
Fees in justice courts.....	403
Soldiers and Sailors:	
See EXEMPTION.	
State Board of Health:	
See BOARD OF HEALTH.	
State Board of Medical Examiners:	
See BOARD OF MEDICAL EXAMINERS.	
State Industrial School:	
Commitment of children to, for what time.....	321
State Life Insurance Company of Indiana:	
Policy of construed as to discriminations between persons insured	199
State Militia:	
Members of not liable to pay poll tax.....	178
Compensation of members appointed by governor for special purposes	218
Legislative control of.....	283

	Page
Surety Companies:	
Validity of bonds executed by corporation organized in another state.....	289, 371
Swamp Lands:	
Sale of; disposition of proceeds.....	335
Taxation:	
Statutory exemption of property of soldiers, sailors and widows of such, applies to property situated without the county of residence of the soldier, sailor or widow.....	38
Road taxes are collected by county treasurer in same manner as other taxes.....	43, 186
Penalty on delinquent taxes; when imposed.....	53, 337
Shares of national banks are credits from which valid debts may be deducted.....	54
A foreign insurance company is taxable at two and one-half per cent on gross premiums.....	112
Payment of taxes under protest; duty of state treasurer in relation thereto	171
Members of national guard; liability of to pay poll tax.....	178
Liability of railway and acreage property within a city for public libraries.....	214
Assessments of telephone companies under section 1331 of code held unconstitutional.....	220
Duty of township assessor to furnish to clerk duplicate copy of assessor's book.....	235
Apportionment of schoolhouse tax among the several sub-districts	281
Lien for taxes in relation to land becoming property of the state	313
Property of merchants; what subject to.....	334
Telephone and telegraph lines; filing of map with county auditor showing taxing districts.....	350
Jurisdiction of township trustees to tax property within a city for highway purposes.....	359
County treasurer; certification of taxes and assessments due on real estate by.....	367
Township assessors; qualification of as to residence	374
Soldiers' and sailors' exemption applies only to residents of this state.....	382
Of dogs; code sections 457 and 458 construed.....	407
Assessments of benefits to highways under the drainage act.....	416
Telephone Companies:	
Taxation of under code section 1331 unconstitutional.....	220
Taxation of; filing of map with county auditor showing taxing districts.....	350
Franchise for may not be granted by board of supervisors.....	402
Township Trustees:	
No power to tax property within a city for road purposes.....	359

Vaccination:

See BOARD OF HEALTH AND SCHOOL DIRECTORS.

Vacancy:

See ELECTIONS AND PUBLIC OFFICE.

Vital Statistics:

Registrars of, who are; compensation of.....	170
Local registrar; issuance of burial permit.....	353
Deputy registrar, compensation of.....	354
Report of registrar to clerk of court as to births and deaths.....	445

Woman's Suffrage:

See ELECTIONS.



THIRTIETH BIENNIAL REPORT

OF THE

STATE LIBRARIAN

TO THE

GOVERNOR OF THE STATE OF IOWA

July 1, 1905.

JOHNSON BRIGHAM

STATE LIBRARIAN

PRINTED BY ORDER OF THE GENERAL ASSEMBLY.

DES MOINES:

BERNARD MURPHY, STATE PRINTER

1906

TABLE OF CONTENTS.

	Page
Portrait of Mrs. Mary H. Miller.....	X
Biographical Sketch of Mrs. Miller.....	XI
Portrait of Mrs. Sara B. Maxwell....	XIV
Biographical Sketch of Mrs. Maxwell.....	XV
Board of Library Trustees.....	XVII
Library Force.....	XVII
REPORT OF LIBRARIAN—	
Books Added.....	1
Recent Purchases.....	2
Exchanges with State Institution.....	2
Classification, Miscellaneous Department.....	3
Law Department.....	6
Historical Department.....	6
New Building, Completion of.....	6
Acknowledgments.....	6
Report of Curator, Law Department.....	13
Financial Statement—	
Miscellaneous Department....	8
Law Department.....	9
Historical Department.....	10
Special Appropriations.....	11
Special Janitor.....	11
Recapitulation.....	12
Explanations of Additions to General Library.....	15
Outline of Classification.....	16
Class List of Books Received, Miscellaneous.....	17
Biography, Collective	17
Biography, Individual,	18
010 Bibliography. 020 Library Economy.....	32
030 General Cyclopedias. 050 General Periodicals.....	35
060 General Societies. 070 Journalism. 090 Book Rarities.....	42
PHILOSOPHY.	
100 General Works.....	43
130 Mind and Body. 140. Philosophical systems.....	43
150 Psychology. 160 Logic. 170 Ethics.....	44
180 Ancient Philosophers. 190 Modern Philosophers.....	45

TABLE OF CONTENTS,

	RELIGION.	Page
201	General Works. 205 Periodicals.....	45
210	Natural Theology. 220 Bible.....	48
230	Doctrinal Theology.....	48
240	Devotional and Practical. 250 Homiletic.....	49
260	Church Institutions and Work. 270 Religious History.....	50
280	Christian Churches and Sects.....	50
290	Non-Christian Religions.....	51
	SOCIOLOGY.	
300	General Works. 305 Periodicals. 306 Societies.....	52
310	Statistics. 320 Political Science.....	54
325	Colonies and Immigration. 326 Slavery. 327 Foreign relations.	54
329	Political Parties.....	55
330	Political Economy. 331 Capital, Labor and Wages.....	56
332	Banks and Money.....	57
335	Socialism and Communism. 336 Finance.....	58
338	Production. 339 Pauperism.....	58
340	Law. 342 Constitutional Law and History.....	59
350	Administration. 352 Local Government.....	59
355	Military Science.....	60
359	Naval Science.....	60
360	Associations and Institutions.....	60
370	Education.....	62
371	Teachers and Methods	63
378	College and Universities.....	63
380	Commerce. 390 Customs, Folklore.....	65
	PHILOLOGY.	
400	.....	66
	SCIENCE.	
505	Periodicals. 506 Societies. 507 Museums.....	67
520	Astronomy.....	68
530	Physics. 540 Chemistry.....	68
550	Geology.....	69
570	Biology. 575 Evolution.....	70
580	Botany.....	70
590	Zoology.....	71
	USEFUL ARTS.	
600	General Works. 610 Medicine.....	72
613	Hygiene. 614 Public Health.....	73
620	Engineering.....	74
630	Agriculture. 640 Domestic Economy	74
650	Communication, Commerce.....	75
660	Chemical Technology. 670 Manufacture.....	76
680	Mechanical Trades. 690 Building.....	76

TABLE OF CONTENTS.

V

	Page
FINE ARTS.	
700 General Works.....	77
720 Architecture.....	78
730 Sculpture. 740 Drawing. 750 Painting.....	78
760 Engraving. 770 Photography. 780 Music.....	80
790 Amusements.....	80
LITERATURE.	
800 General Works. 808 Rhetoric.....	81
808.8 Collections, Quotations.....	82
809 History of Literature.....	83
810 American Literature.....	83
811 American Poetry.....	84
812 American Drama.....	86
813 American Fiction.....	87
814 American Essays.....	91
815 American Oratory.....	92
817 American Satire and Humor.....	92
818 American Miscellany.....	93
820 English Literature.....	95
821 English Poetry.....	95
822 English Drama.....	96
823 English Fiction.....	99
824 English Essays.....	101
830 German Literature. 839 Modern Teutonic Literature.....	103
840 French Literature.....	104
850 Italian Literature. 860 Spanish Literature.....	105
870 Latin Literature. 880 Greek Literature.....	105
890 Literature of Minor Languages.....	106
HISTORY.	
900 General Works.....	107
910 Geography and Travels.....	107
913 Antiquities, Archaeology of Special Countries.....	108
914 Travels in Europe. 914.1-914.2 Travels in Great Britain and Ireland.....	108
914.3-914.5 Travels in Germany, Austria, France and Italy.....	109
914.6-914.9 Travels in Spain, Scandinavia and Holland.....	110
915 Travels in Asia.....	110
916 Travels in Africa.....	112
917 Travels in North America.....	112
917.3-917.98 Travels in the United States.....	112
918-919 Travels in South America and Oceanica.....	113
929 Genealogy and Heraldry.....	113
930 Ancient History. 940 European History.....	114
941-942 History of Scotland, Ireland and England.....	144
943-944 History of Germany and France.....	115
945-949 History of Italy and Minor Countries of Europe.....	115
950 History of Asia. 960 History of Africa.....	116
970 History of North America.....	116

	Page
973 History of the United States.....	116
973.2 Colonial. 973.3 Revolutionary.....	117
973.7 Civil War.....	117
974-979 History of States and Territories.....	118
980-990 History of South America and Oceanica.....	120
State and Government Publications not Otherwise Classified.....	120
AUTHOR LIST. Arranged alphabetically by author's surnames.	
Biographies entered under authors and subjects.....	129

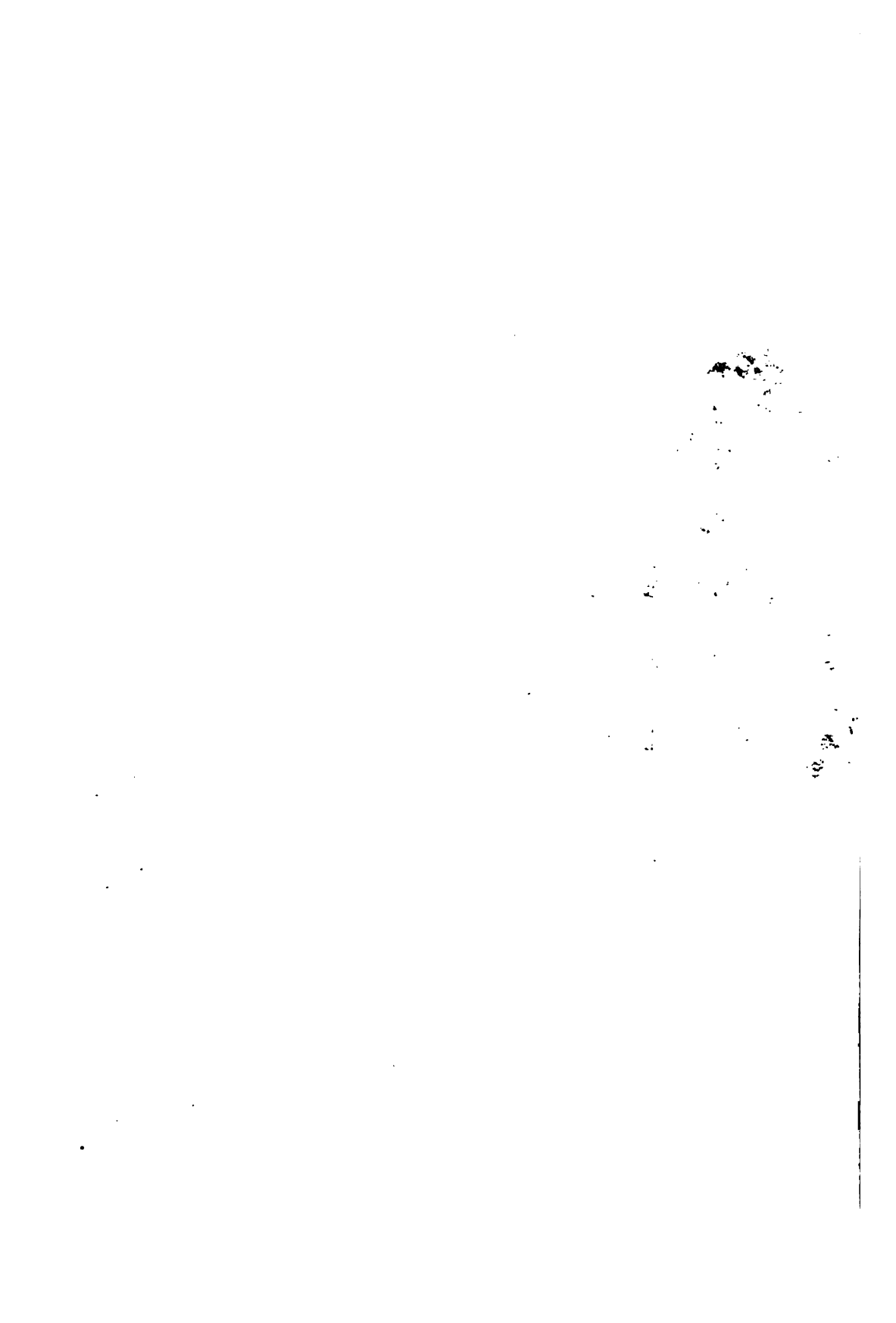
TABLE OF CONTENTS.

vii

LAW DEPARTMENT.

	Page
Author list.....	195
SUBJECT LIST.	
Accidents.....	217
Agency.....	217
American law.....	217
Appeals.....	217
Arbitration.....	217
Bailments.....	217
Bankruptcy.....	217
Bar Association.....	217
Bench and bar.....	218
Bills and notes.....	218
Biography.....	218
Citizenship.....	219
Classics.....	219
Commerce.....	219
Common law.....	219
Conflict of laws.....	219
Constitutional conventions.....	219
Constitutional law.....	219
Contempt.....	220
Contracts.....	220
Conveyancing.....	220
Corporations.....	220
Copyright.....	220
Costs.....	220
Criminal law.....	221
Damages.....	221
Dictionaries.....	221
Ecclesiastical law.....	221
Encyclopedia.....	221
England.....	221
Equity.....	222
Evidence.....	222
Executors and administrators.....	222
Extraditions.....	222
Fixtures.....	222
Food.....	222
Forms.....	222
Highway.....	222
History of the law.....	222
Injunctions.....	223

	Page
Landlord and tenant.....	223
Legislation.....	224
Libel.....	224
Limitations.....	224
Literature of the law.....	224
Master and servant.....	225
Medical jurisprudence.....	225
Military law.....	225
Mines and mining.....	225
Mortgages.....	225
Municipal corporations.....	225
Negligence.....	225
Officers.....	225
Periodicals.....	225
Pleading and practice.....	226
Police power.....	226
Railroads.....	226
Real property.....	226
Receivers.....	226
Remedies.....	226
Roman law.....	226
Rules of court.....	227
School law.....	227
Science of law.....	227
Sheriffs.....	227
Speeches and writings.....	227
Stock and stockholders.....	228
Stock brokers.....	228
Suretyship and guaranty.....	228
Taxation.....	228
Tariff.....	228
Titles.....	228
Torts.....	228
Trade marks.....	228
Treaties.....	228
Trials.....	228
United States.....	229
Waters.....	227
Wills.....	229
Wit and wisdom.....	229
Insurance.....	223
International law.....	223
Jurisdiction.....	223
Land.....	223





MRS. MARY H. MILLER



MRS. MARY H. MILLER.

It becomes the librarian's sad duty to chronicle the decease of another ex-librarian of the State of Iowa. Mrs. Mary H. Miller was appointed State Librarian by Governor Larrabee, succeeding Mrs. Maxwell, who survived her a few months. Mrs. Miller did not share the usual fate of the State librarian prior to the elimination of the office from "practical politics." Though appointed by a republican, the election of Horace Boies, democrat, to the gubernatorial office did not result in her removal as was anticipated. Mrs. Miller held her office until the inauguration of Governor Jackson when Mrs. Creighton was appointed to succeed her.

Mary H. MacGinitie was born in Clarion county, Pennsylvania, July 24, 1842. She came to Iowa in 1865 and taught in the public schools of Eddyville and Ottumwa. In 1867 she married Lieut. Samuel Newell Miller of the 4th Iowa Cavalry. Her husband died in 1872. After his death she taught for a time in the Des Moines schools, resigning to take the position of State Librarian in 1888. In 1896, sometime after having completed her third term as librarian, she became matron of the Business Women's Home in Des Moines, in which position she so thoroughly demonstrated her fitness for the work that two years later she was appointed by Colonel Horton matron of the Soldiers' Home at Marshalltown. She served in that capacity with honor to herself and credit to the state until failing health compelled her to resign. She died in Des Moines at the home of her sister, Mrs. J. Wilbur Beebe, on the 23th of March, 1904.

Mrs. Miller, though not trained to library work, soon acquired the many details of her duties as State Librarian, and her conscientious, painstaking service did much to strengthen the library in the estimation of legislators, students and the general public. Soon after entering upon library work Mrs. Miller joined the American Library Association and thus placed herself and the library in close touch with the library movement of her time. She took active part in the earlier sessions of the Iowa Library Association, was its first president and

was one of its most influential members. Mrs. Miller had a clear intellectual grasp and good administrative ability. Though devoted to her own church, the Presbyterian, she was broad in her religious views and liberal in her opinions. Her public career was marked by the rare combination of intense energy and excellent judgment. She had many friends throughout the State to whom her memory is precious. Mrs. Miller left no children. Her only child, Frank C. Miller, died in 1896. She was buried beside her husband and son in Eddyville, Iowa.

Captain W. H. Johnston, of Fort Dodge, a member of the Iowa Library Commission and the Nestor of the State Library Association, writing to Miss Winterrowd of Des Moines, thus refers to Mrs. Miller:

"I have vivid recollections of the many pleasant occasions when Mrs. Miller, as State Librarian, was virtually hostess of the librarians of Iowa and of the many occasions afterward when I met her at library meetings in which she still evinced her interest in the work. My last recollection is associated with the library conference in Marshalltown, at which time I called on her at the Soldiers' Home and found her, though very ill, as ever interested in Library work and thoughtful of others rather than herself. Will you please convey to Mrs. Beebe my high appreciation of her sister and of the work done by her in and for the State of Iowa, and assure her that Mrs. Miller will ever hold high place in the hearts of Iowa librarians."



MRS. SARAH B. MAXWELL

MRS. SARA B. MAXWELL.

Still another ex state Librarian has passed away since the present Librarian's last report was issued. Mrs. Sara B. Maxwell died at the home of her daughter, Mrs. Emil Poerstel, in Pittsburg, Pennsylvania, October 12, 1904. She was born in Columbiana county, Ohio, February 12, 1837, and was consequently sixty-seven years old at the time of her death. In 1863, she removed with her husband, William Maxwell, to Panora, Iowa. Mr. Maxwell served for two years as clerk of the District Court in Guthrie county and was a member of the Fourteenth General Assembly of Iowa. In 1878 occurred a tragedy which saddened Mrs. Maxwell's whole after-life. While in New Mexico, to which Territory he had gone to establish a ranch, Mr. Maxwell and his son were murdered. The details of the tragedy are still wrapped in mystery.

The year after her sad bereavement Mrs. Maxwell was appointed by Governor Gear to the office of State Librarian, succeeding Mrs. Ada North. Though the position was then said to be "in politics" so efficient and successful was the appointee that she remained undisturbed in her office until 1888. Her term of service was marked by conscientious and resultful efforts to raise the standard of the library and to increase its usefulness. During her term she made the first list of books and pamphlets written by Iowa authors, which was part of Iowa's exhibit at the Chicago Exposition in 1893, and has been the basis of subsequent lists.

Mrs. Maxwell was the author of the Centennial history of Guthrie county, published in 1876, also of a useful work entitled Social Forms and usages. In 1888, she was succeeded in office by Mrs. Mary H. Miller, a sketch of whose life appears on a preceding page of this report. In 1897, Mrs. Maxwell was elected

librarian of the Unitarian Theological School in Meadville, Pennsylvania. This position she retained until a short time prior to her death. Two daughters, Mrs. Emil Poerstel and Mrs. Jessie Weaver survive her.

During her term of service as State Librarian, and later as college librarian, Mrs. Maxwell took deep interest in library organizations and whenever possible attended the meetings of the American Library Association. She was one of the pioneers of the Iowa Library Association and an active and influential member of that body.

Mrs. Maxwell brought to her public duties a keenly intelligent and well trained mind and a rare degree of conscientiousness.

BOARD OF TRUSTEES.

HON. ALBERT B. CUMMINS.....	Governor and President of Board
HON. W. B. MARTIN.....	Secretary of State
HON. J. F. RIGGS.....	Superintendent of Public Instruction
HON. JOHN C. SHERWIN	}Judges of the Supreme Court
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HON. CHARLES A. BISHOP	
HON. HORACE E. DEEMER	

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A. J. SMALL.....	Assistant to librarian (Curator of Law and Documents)
MISS HELEN M. LEE.....	First Assistant
MRS. FLORENCE A. RUSSELL.....	Second Assistant
MISS MARY ROSEMOND.....	Third Assistant
MISS LAVINIA STEELE.....	Cataloguer



LIBRARIAN'S REPORT.

OFFICE OF STATE LIBRARIAN,
DES MOINES, IOWA, OCTOBER 31, 1905.

*To the Honorable Albert B. Cummins, Governor of Iowa and
President of the Board of Trustees of the
Iowa State Library:*

SIR: I have the honor to submit for your consideration the thirtieth Biennial Report of the librarian of the Iowa State Library, covering a period included between the thirtieth day of June, 1903, and the first day of July, 1905.

At the close of the twenty-ninth biennial period there were of record books in the State Library proper.....	77,422
Also, unaccessioned pamphlets in the document section.....	6,124
	<hr/>
	83,546

Books Since Last Report.

To this number have been added during the period now closed—To the Miscellaneous Department:

By purchase.....	4,629
By exchange and gift.....	2,048
	<hr/>
	6,677
Withdrawn.....	2
	<hr/>
Making the new addition.....	6,675

To the Law Department have been added:

By purchase.....	1,163
By exchange.....	687
	<hr/>
	1,850
Total in both departments.....	8,525

These accessions make the total in the State Library proper, (independent of the Historical Department).....

Unaccessioned pamphlets adding during the period.....	1,171
Making a total of accessioned and unaccessioned books and pamphlets in the State Library proper.....	93,242

To these should be added total of books and pamphlets of record in the Historical Department, exclusive of newspaper volumes, as per recent report of the Curator....

	14,182
	<hr/>
The Grand Total of the three Departments is.....	107,424

During the last two years the policy of grouping pamphlets under some one general head, binding them in book form and shelf-listing same has been thoroughly and systematically carried out. The consequence is that hundreds of valuable pamphlets heretofore inaccessible can now be traced at once, by means of the card catalogue, to their places on the shelves; thus greatly facilitating the endeavor of the student of themes and of affairs to find the valuable subject matter included in pamphlet literature and oftentimes not to be found elsewhere. Meantime we are continuing the policy, now fully approved by experience, of placing upon the shelves, with books of their respective classes, the many temporarily valuable pamphlets which come to us through the mails and otherwise, leaving to the future a determination of their relative value. Several librarians in other states have since adopted this method of handling pamphlets, thus readily, and thus far satisfactorily, solving one of the most perplexing problems of library administration.

Recent Purchases.

The accessions of both new and out-of-print books, during the past two years, as shown by the list appended to this report have greatly strengthened the library as a source of information and inspiration. Not a few broken sets have been filled and others have been materially strengthened. The new books have been selected with the utmost care from a study of catalogues and reviews and have been brought together from all the great book markets of the world.

Exchanges with State Institutions, etc.

During the past two years I have inaugurated an extensive system of book, periodical and document exchange with the State University library, the library of the State Historical Society, and the library of the State College of Agriculture and Mechanic Arts. By this system all parties to the exchange have been materially benefited and the reference libraries of the state have been correspondingly strengthened. To illustrate:

The library of the State Historical Society has received on exchange account thirty-six volumes and numbers and has reciprocated by sending to the State Library sixty-six volumes and numbers and will follow these with others at no distant date. To

further illustrate: The State University library is in receipt of fourteen volumes of Poore's Railroad Manual, the price of which is ten dollars a volume. These came to the library, as duplicates, from the Iowa Department of Agriculture. The exchange is not confined to State Institutions. The State Library, with the aid of the Library Commission, has recently sent to the library of the University of Chicago, a number of periodicals and in return is about to receive a long list of valuable documents and works. All these exchanges are effected with no other expense than that of carriage. The Library of Congress is also in our debt for duplicate copies of periodicals and is from time to time paying the debt by meeting our draft on its duplicate list of periodicals.

It is my purpose to co-operate with all institutions having duplicate lists from which we may draw. For, in the purchase of material with which to fill sets in the library—especially at auction sales—it is inevitable that duplicates are acquired. These would be comparatively valueless but for some system of exchange such as has been inaugurated.

Classification of Books in Library.

Separating the unaccessioned pamphlets from the books, the number of books and pamphlets in the library, as shown by a careful verification of the shelf-list, is as follows:

Miscellaneous Department.

(000)	General Works—Bibliography, Library Economy, General Cyclopedias, General Collections, General Periodicals, General Society Publications, Book Rarities, etc.....	7,996
(100)	Philosophy—Metaphysics, Philosophical Systems, Psychology, Logic, Ethics, Ancient and Modern Philosophers	696
(200)	Religion—Natural Theology, Bible, Devotional and Practical, Homiletic, Church, Institutions, Religious History, Christian Churches and Sects, Non-Christian Religions.....	2,600
(300)	Sociology—Statistics, Political Science, Political Economy, Administration, Associations and Institutions, Education, Commerce, Customs, Costumes, Folk-lore.....	4,548
(400)	Philology—Comparative, English, Other Languages.	186
(500)	Natural Science—Mathematics, Astronomy, Physics, Chemistry, Geology, Paleontology, Biology, Botany, Zoology.....	3,292
(600)	Useful Arts—Medicine, Engineering, Agriculture, Domestic Economy, Commerce, Manufactures, Trades, Building.....	2,514

REPORT OF THE STATE LIBRARIAN.

(700) Fine Arts—Landscape gardening, Architecture, Sculpture, Drawing, Painting, Engraving, Photography, Music, Amusements.....	1,219
(800) Literature—American and English, German, French, Italian, Spanish, Latin, Greek, Minor Languages, including Poetry, Drama, Fiction, Essays, Oratory, Letters, Humor, Philosophy and History of Literature, Treatises, Collections, Literary periodicals	5,141
(900) History—Geography and Description, Biography, Ancient History, Modern History,—Europe, Asia, Africa, North America, South America, Oceanica, and Polar Regions.	8,630
Duplicates not withdrawn and in use.	863
Total.....	37,685

Documents Classified by Countries, Provinces, States and Territories.

United States	3,625
Congressional Record, Globe, American State papers, Annals of Congress, Journals, etc....	636
Patent Office Gazette, Reports, Specifications, etc.	934
Experiment Station Reports, Government and State	680
Miscellaneous pamphlets.....	2,450
Total volumes and pamphlets.....	8,325

States—

Alabama.....	40
Arizona....	93
Arkansas.....	86
California.....	306
Colorado.....	216
Connecticut	418
Deleware....	31
Florida.....	77
Georgia.....	105
Idaho.....	71
Illinois	543
Indiana.....	332
Iowa.....	597
Kansas.....	244
Kentucky	161
Louisiana.....	204
Maine.....	391
Maryland.....	204
Massachusetts....	458
Michigan.....	859
Minnesota.....	215

Mississippi.....	84
Missouri	165
Montana	149
Nebraska.....	209
Nevada.....	81
New Hampshire.....	507
New Jersey.....	402
New York.....	1513
North Carolina.....	94
North Dakota.....	127
Ohio.....	921
Oregon.....	197
Pennsylvania.....	654
Rhode Island	231
South Carolina.....	188
South Dakota.....	109
Tennessee	135
Texas	189
Utah.....	73
Vermont.....	300
Virginia.....	162
Washington.....	75
West Virginia.....	33
Wisconsin.....	297
Wyoming.....	59
<hr/>	
Total volumes and pamphlets.....	12,732

Territories, Provinces and Countries.

Alaska.....	60
Dakota	29
Hawaiian Island.....	54
New Mexico.....	91
Philippine Islands (classified with History).....	32
Porto Rico.....	13
Canada	935
Cape of Good Hope.....	176
Tasmania.....	39
Other countries as yet unclassified.....	675

Total volumes and pamphlets.....	2,054
Pamphlets not classified as yet, and not included in "Documents".....	6,380
<hr/>	
Total	29 491
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Total in miscellaneous department.....	67,176

Law Department.

Text-books —State Reports, United States Reports, Foreign Reports, Statutes, Laws and Digests, Home and Foreign; Law Periodicals, Literature of the Law, Constitutional Conventions, Trials, etc.....	26,066
Surplus held for exchange.....	3,320

(The books in this department are presented more in detail in the appended report of the Curator of the Law Department.)

Historical Department.

Books, Periodicals, Documents, Pamphlets, etc.—exclusive of newspapers volumes—as per report of Curator of Historical Department.....	14,182
Total in the three Departments.....	107,424
(Exclusive of duplicates held for exchange and gift.)	

Completion of the new Building.

As stated in my last report, the law consolidating the Miscellaneous portion of the State Library with the Historical Department could not be carried out, so far as relates to the actual transfer of all the books in the Miscellaneous Department from the State Library to the west wing of the new building occupied by the Historical Department, owing to want of space in that wing of the new building. Permit me to urge upon the 31st General Assembly, on reassembling in January, 1906, the desirability of giving early attention to the necessity which recent legislation has imposed—and which is emphasized by the growing necessity of a Hall of Archives, and the increasing needs of the Historical Department and of the Miscellaneous and Law Departments as well—namely: an appropriation ample for the speedy completion and furnishing of the new building.

Acknowledgments.

I take pleasure in acknowledging the uniform courtesy which the president and members of the Library Board have accorded me in furthering my plans for the upbuilding of the State Library and the wise counsel and generous aid rendered

me by Curators Aldrich and Small, and by my library assistants, Miss Lee, Mrs. Russell, Miss Rosemond, and Miss Steele.

The Seventh biennial report of the Curator of the Historical Department is to appear, as previous reports of that Department have appeared, under separate cover.

The Second biennial report of the Curator of the Law Department is herewith appended.

I also append herewith a financial statement covering the receipts and expenditures of the several departments during the biennial period; also a list of accessions to the Miscellaneous Department, and a list of accessions to the Law Department, during the last biennial period.

Respectfully submitted,

JOHNSON BRIGHAM,

State Librarian.

REPORT OF THE STATE LIBRARIAN.

Financial Statement.

Miscellaneous Department.

		RECEIPTS		
1903.		To balance in bank	\$ 19.49	
July	1	To warrant on State Treasurer	845 24	
October	19	To refund	1 67	
October	19			
1904.		To warrant on State Treasurer	2,500 00	
January	20	To refund from Grumiaux	3.30	
May	21	To sale of books to E. North	8 00	
May	21	To warrant on State Treasurer	2,366 73	
July	21	To warrant on State Treasurer	936 99	
September	29	To warrant on State Treasurer	19 70	
October	25	To warrant on State Treasurer	481 15	
October	25			
1905.		To warrant on State Treasurer	1,195.43	
January	14	To fine	1 00	
February	24	To sale of books to Commission	3 00	
March	6	To refund	1.68	
June	12	To warrant on State Treasurer	2,038 67	
July	1	To credit	52 00	
July	1			
		Total	\$ 9,974 06	
		EXPENDITURES.		
1903		By books purchased for quarter	\$ 145.28	
October	17	By periodicals	85.94	
October	17	By binding	27.46	
October	17	By freight and express	25.88	
October	17	By miscellaneous expense	81 65	
October	17			
1904		By books purchased for quarter	970.38	
January	16	By periodicals	1,222 11	
January	16	By binding	215 96	
January	16	By freight and express	83.94	
January	16	By miscellaneous expense	59 62	
January	16	By books purchased for six months	2,040 69	
June	11	By periodicals	90.62	
June	11	By binding	1,154 10	
June	11	By freight and express	87 59	
June	11	By miscellaneous expense	23 53	
September	24	By books purchased for quarter	612.31	
September	24	By periodicals	226.39	
September	24	By binding	31 06	
September	24	By freight and express	24.50	
September	24	By miscellaneous expense	42.74	
October	22	By books purchased for month	250 78	
October	22	By binding	165.93	
October	22	By freight and express	22.72	
October	22	By miscellaneous expense	61.43	
October	22			
1905.		By books purchased for quarter	444 97	
January	14	By periodicals	456 22	
January	14	By binding	223.50	
January	14	By freight and express	65 73	
January	14	By miscellaneous expense	11 31	
January	14	By books purchased for six months	1,522 97	
June	10	By periodicals	239.51	
June	10	By binding	195 70	
June	10	By freight and express	56 50	
June	10	By miscellaneous expense	22 39	
June	10	By balance in bank	5.68	
June	10			
		Total	\$ 9,974.06	

REPORT OF THE STATE LIBRARIAN.

9

Law Department.

		RECEIPTS.		
1903.		To balance in bank.....	\$ 115.09	
July	1	To warrant on State Treasurer.....	686 87	
October	19			
1904.		To warrant on State Treasurer.....	1,250.00	
January	20	To warrant on State Treasurer.....	1,368.39	
July	5	To warrant on State Treasurer.....	630 87	
September	29	To warrant on State Treasurer.....	195.00	
October	26			
1905.		To warrant on State Treasurer.....	305.74	
January	14	To warrant on State Treasurer.....	971.44	
June	10	To credits.....	9.60	
June	10	To credits.....	123.60	
June	16			
		Total.....	\$ 5,656.40	
		EXPENDITURES.		
1903.		By books purchased for quarter.....	\$ 666.68	
October	17	By periodicals.....	65 10	
October	17	By binding.....	45.00	
October	17	By freight and express.....	29.58	
October	17	By miscellaneous expense.....	5.00	
1904.		By books purchased for quarter.....	1,252.18	
January	16	By periodicals.....	21.70	
January	16	By binding.....	32.15	
January	16	By freight and express.....	16.40	
January	16	By miscellaneous expense.....	11.20	
June	11	By books purchased for six months.....	1,072.79	
June	11	By periodicals.....	149.50	
June	11	By binding.....	102.96	
June	11	By freight and express.....	39.15	
June	11	By miscellaneous expense.....	4.00	
September	24	By books purchased for quarter.....	528.61	
September	24	By periodicals.....	56.06	
September	24	By binding.....	24.60	
September	24	By freight and express.....	12.35	
September	24	By miscellaneous expense.....	9.26	
October	22	By books purchased for month.....	114.14	
October	22	By periodicals.....	43.50	
October	22	By binding.....	23.60	
October	22	By freight and express.....	13.75	
1905.		By books purchased for quarter.....	233.10	
January	14	By periodicals.....	30.50	
January	14	By binding.....	29.96	
January	14	By freight and express.....	26.35	
January	14	By miscellaneous expense.....	13.19	
June	10	By books purchased for six months.....	684.52	
June	10	By periodicals.....	164.45	
June	10	By binding.....	105.55	
June	10	By freight and express.....	3.13	
June	10	By miscellaneous expense.....	13.79	
June	10	By balance in bank.....	12.62	
		Total.....	\$ 5,656.40	

REPORT OF THE STATE LIBRARIAN.

Historical Department.

		RECEIPTS.			
July	1903.	1	To balance cash on hand.....	\$	20.71
July		1	To balance in hands of Curator.....		88.60
July		31	To warrant on State Treasurer.....		110.00
August		31	To warrant on State Treasurer.....		110.00
September		30	To warrant on State Treasurer.....		110.00
October		10	To cash received by Curator.....		46.97
October		19	To warrant on State Treasurer.....		1,025.70
1904.					
January		20	To warrant on State Treasurer.....		1,200.00
January		30	To warrant on State Treasurer.....		110.00
February		29	To warrant on State Treasurer.....		110.00
March		31	To warrant on State Treasurer.....		110.00
May		14	To warrant on State Treasurer.....		818.97
July		5	To warrant on State Treasurer.....		151.03
July		5	To warrant on State Treasurer.....		387.86
July		5	To warrant on State Treasurer (Curator).....		250.00
September		29	To warrant on State Treasurer.....		1,118.58
October		25	To warrant on State Treasurer.....		624.06
1905.					
January		14	To warrant on State Treasurer.....		1,320.26
January		31	To cash refund.....		1.00
January		31	To cash refund.....		4.00
May		11	To cash received by Curator.....		68.00
May		11	To refund.....		35.00
May		4	To warrant on State Treasurer.....		1,290.24
July		1	To warrant on State Treasurer.....		521.47
Total.....				\$	9,641.45
		EXPENDITURES.			
October	1903.	17	By books purchased for quarter.....	\$	146.06
October		17	By periodicals.....		33.00
October		17	By binding.....		232.30
October		17	By Annals of Iowa.....		15.00
October		17	By freight and express.....		53.95
October		17	By miscellaneous expense.....		321.67
1904.					
January		16	By books purchased for quarter.....		335.30
January		16	By periodicals.....		47.70
January		16	By binding.....		382.50
January		16	By museum and art.....		189.25
January		16	By Annals of Iowa.....		181.65
January		16	By freight and express.....		14.90
January		16	By miscellaneous expense.....		53.10
May		7	By books purchased for five months.....		232.45
May		7	By periodicals.....		10.70
May		7	By binding.....		156.25
May		7	By museum and art.....		3.03
May		7	By Annals of Iowa.....		351.63
May		7	By freight and express.....		24.96
May		7	By miscellaneous expense.....		39.95
June		11	By books purchased for month.....		191.23
June		11	By binding.....		96.20
June		11	By Annals of Iowa.....		174.50
June		11	By freight and express.....		84.71
June		11	By miscellaneous expense.....		42.25
July		5	By special warrant to Chas. Aldrich, Curator.....		250.00
July		5	By labor.....		900.00
September		24	By books purchased for quarter.....		413.50
September		24	By periodicals.....		26.50
September		24	By binding.....		374.95
September		24	By museum and art.....		4.50
September		24	By Annals of Iowa.....		198.50
September		24	By freight and express.....		26.36
September		24	By miscellaneous expense.....		79.27
October		22	By books purchased for month.....		213.26
October		22	By binding.....		16.50
October		22	By Annals of Iowa.....		306.00
October		22	By freight and express.....		10.45
October		22	By miscellaneous expense.....		77.75
1905.					
January		14	By books purchased for quarter.....		206.38
January		14	By periodicals.....		499.00
January		14	By binding.....		54.10
January		14	By museum and art.....		154.00
January		14	By Annals of Iowa.....		231.50
January		14	By freight and express.....		42.83
January		14	By miscellaneous expense.....		131.85
May		7	By books purchased for five months.....		326.51

REPORT OF THE STATE LIBRARIAN.

11

May	7	By periodicals	62.75
May	7	By binding	474.23
May	7	By museum and art	11.75
May	7	By Annals of Iowa	223.10
May	7	By freight and express	47.88
May	7	By miscellaneous expense	199.88
June	10	By books purchased for quarter	421.45
June	10	By periodicals	5.50
June	10	By freight and express	85.87
June	10	By miscellaneous expense	8.65
June	10	By balance in bank	67.88
Total			\$ 9,641.45

Special Janitor.

1903			
July	13	To warrant on State Treasurer	\$ 8.50
July	31	To warrant on State Treasurer	42.00
August	31	To warrant on State Treasurer	11.25
October	31	To warrant on State Treasurer	11.80
November	30	To warrant on State Treasurer	11.90
December	31	To warrant on State Treasurer	42.00
December	31	To warrant on State Treasurer	14.00
December	31	To warrant on State Treasurer	6.00
December	31	To warrant on State Treasurer	26.80
December	31	To warrant on State Treasurer	16.20
1904			
May	31	To warrant on State Treasurer	4.50
July	1	To warrant on State Treasurer	3.75
September	20	To warrant on State Treasurer	2.20
October	31	To warrant on State Treasurer	2.20
December	31	To warrant on State Treasurer	3.50
December	31	To warrant on State Treasurer	17.25
December	31	To warrant on State Treasurer	10.00
1905			
January	31	To warrant on State Treasurer	4.00
January	31	To warrant on State Treasurer	7.85
February	28	To warrant on State Treasurer	15.00
March	6	To warrant on State Treasurer	15.00
March	31	To warrant on State Treasurer	1.50
April	29	To warrant on State Treasurer	8.25
April	29	To warrant on State Treasurer	20.00
April	29	To warrant on State Treasurer	2.00
May	31	To warrant on State Treasurer	55.00
Total			\$ 359.75
EXPENDITURES.			
1903		By labor	\$ 189.95
1904		By labor	41.2
1905		By labor	128.60
Total			359.75

Recapitulation.

July 1, 1903 to June 30, 1905.

Miscellaneous Department.

Total cash receipts and credits	\$9,974.05	
Books purchased		\$5,957.38
Periodicals		2,321.29
Binding		1,018.08
Freight and express		367.16
Miscellaneous expense		303.86
Cash in bank		5.68
		<u>\$9,974.05</u>

Law Department.

Total cash receipts and credits	\$5,656.40	
Books purchased		\$4,552.02
Periodicals		530.80
Binding		363.80
Freight and express		140.72
Miscellaneous expense		56.44
Cash in bank		12.62
		<u>\$5,656.40</u>

Historical Department.

Total cash receipts and credits	\$9,641.45	
Books purchased		\$2,475.14
Periodicals		685.75
Binding		1,837.03
Museum and art		362.53
Annals of Iowa		1,676.88
Freight and express		341.89
Miscellaneous expense		954.37
Warrant to Charles Aldrich, Curator		250.00
Labor		980.00
Cash in bank		67.86
		<u>\$9,641.45</u>

Special Janitor.

Total cash receipts	\$ 359.75	
Labor expenditures		\$ 359.75

Hon. Johnson Brigham,
State Librarian.

DEAR SIR:—We are pleased to report a gratifying increase in the law department, though a few short in the number of volumes purchased compared with the biennial preceding. This may be accounted for in the purchase of quite a few expensive out of print volumes. We have been obliged to decline the offer of several rare editions on account of lack of funds; and I regret that our appropriation is not larger that we might secure these rare and valuable law books which are seldom offered for sale.

Accessions during the Biennial.

Text books.....	296
State law reports.....	495
Reporter system.....	96
United States reports.....	39
Foreign reports.....	149
Statutes, laws and digests.....	194
Foreign laws.....	81
Periodicals.....	125
Constitutional convention journals and proceedings.....	39
Trials.....	47
Literature of the law.....	221
Law documents.....	68

Total.....1,850
Of which 1,163 were added by purchase and 687 by gift and exchange.

Number of Volumes in Law Department.

Text books.....	4,149
State and Territorial law reports.....	7,752
Reporter system (west and cooperative).....	881
United States court reports, including patent cases.....	859
Foreign law reports, principally English and colonial.....	3 646
Statutes, laws and digests (states and nation).....	4,146
Foreign laws and digests, principally English and colonial....	825
Periodicals.....	2,366
Constitutional convention proceedings and journals.....	214
Trials.....	224
Literature of the law.....	936
Law documents.....	68

Total.....26,066
Surplus held for exchange..... 3,320

Literature of the Law

Our section of the literature of the law is now past the probation period; it is now in fact one of the most interesting sections in the library, where the lawyer or student may find much of the best of law literature, history and jurisprudence. We have not confined our efforts to any particular line but making it general so as to supply the needs of all.

Cataloguing.

We have continued in the plan outlined in our report of two years ago, though the progress is slow; however we have progressed steadily keeping all the new works up to date and gradually working back into earlier volumes. Perhaps the most satisfactory showing is the practically completing the card index to the table of cases in the Abstracts and Arguments which meant the page by page examination of over eleven hundred volumes and the making of over ten thousand cards. Also, we are making a card index to all the leading articles in the current law periodicals.

Exchanges.

An effort is still being made to get all statutes, laws, law reports, etc., by exchange; quite a good number have been added to this list during the past two years, though in some cases with much difficulty; but by persistent effort we hope to gradually place many of the now purchased volumes to the exchange account.

Binding.

In a library of so many volumes of books bound in sheep which have been in use for so long a term of years, the bindings constantly being broken through use or crumbling from lack of use, it became apparent that a more durable binding should be had, and by recommendation of the book committee we are now adopting buckram in the place of sheep where it is practical and thus far it is proving satisfactory.

Conclusion.

I am under many obligations to you for generous advice in making my work possible and pleasant; and to my associates in the library I feel grateful for ever lending a helping hand; and especially to Mrs. Florence A. Russell, who does all the cataloguing for the law department and who otherwise renders valuable service to the library. Very respectfully,

A. J. SMALL,
Curator Law Department.

**Additions to The General Library, June 30, 1903, to
June 30, 1905.**

Explanation.

This list is on the same general plan as that published two years ago.

The list of publications of governments and states is now printed separately, not in the classified list as heretofore. Excepted from this list, for the greater convenience of students and specialists, are the geological reports; also other scientific reports and industrial reports by states; also special monographs on various subjects, all of which are included in the class list.

The author index is especially strong in full names since it is designed to serve as a reference book for cataloguers whose reference works are limited in number. The general use of this bulletin by the librarians of the state leads to the conclusion that progress along uniform lines of development and classification is well begun in Iowa.

The class list is arranged numerically, according to class number, and the author index is in alphabetical order. The order of subjects in the class list is described in the outline of classification which precedes the class list.

Outline of Classification.

Biography, Collective.

Biography by Subjects, Collective.

Biography, Individual.

000 General Works.	500 Natural Science.
010 Bibliography.	510 Mathematics.
020 Library economy.	520 Astronomy.
030 General cyclopedias.	530 Physics.
040 General collections.	540 Chemistry.
050 General periodicals.	550 Geology.
060 General societies.	560 Palæontology.
070 Newspapers.	570 Biology.
080 Polygraphy.	580 Botany.
090 Book rarities.	590 Zoology.
100 Philosophy.	600 Useful Arts.
110 Metaphysics.	610 Medicine.
120 Special metaphysical topics.	620 Engineering.
130 Mind and body.	630 Agriculture.
140 Philosophical systems.	640 Domestic economy.
150 Psychology.	650 Communication.
160 Logic.	660 Chemical technology.
170 Ethics.	670 Manufactures.
180 Ancient philosophers.	680 Mechanic trades.
190 Modern philosophers.	690 Building.
200 Religion.	700 Fine Arts.
210 Natural theology.	710 Landscape gardening.
220 Bible.	720 Architecture.
230 Doctrinal theology.	730 Sculpture.
240 Devotional and practical.	740 Drawing. Design.
250 Homiletic. Parochial.	750 Painting.
260 Church. Institutions.	760 Engraving.
270 Religious history.	770 Photography.
280 Christian churches. Sects.	780 Music.
290 Non-Christian religions.	790 Amusements.
300 Sociology.	800 Literature.
310 Statistics.	810 American.
320 Political science.	820 English.
330 Political economy.	830 German.
340 Law.	840 French.
350 Administration.	850 Italian.
360 Associations. Institutions.	860 Spanish.
370 Education.	870 Latin.
380 Commerce.	880 Greek.
390 Customs. Costumes.	890 Minor languages.
400 Philology.	900 History.
410 Comparative.	910 Geography and description.
420 English.	*920 Biography..
430 German.	930 Ancient history.
440 French.	940 Europe.
450 Italian.	950 Asia.
460 Spanish.	960 Africa.
470 Latin.	970 North America.
480 Greek.	980 South America.
490 Minor languages.	990 Oceanica and Polar regions.

NOTE: In applying the decimal system to our library we make no use of 920 (except "Genealogy," 929.) "Biography, collective," we class under B with Cutter book-number of biographer. "Biography by subjects collective," we class under B with class number and Cutter book-number of biographer. "Biography individual," is given only the Cutter book-number of biographee.

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P17	
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 qW89
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F88p
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H88

- 811.2 Paulding, J. K. Backwoodsman. 1848.
P28b
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Sp7
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T77
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C85
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R22
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- 811.3 Simms, W. G. Poems. 2 v. 1853.
Si4
- 811.3 ——— Atalantis. 1848.
Si4a
- 811.3 Street, A. B. Frontenac. 1849.
St8f
- 811.4 Blanden, C. G. Battle of love. 1904.
B61b
- 811.4 Boyesen, H. H. Idyls of Norway. 1882.
B692
- 811.4 Carman, Bliss. Coronation ode. 1902.
C21c
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C21s
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C42q
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 F49
 811.4 **Glasgow, Mrs E. A. G.** Freeman and other poems. 1902.
 G46f
 811.4 **Hay, John.** Pike county ballads. 1875.
 H327
 811.4 **Hayne, P. H.** Poems. 1882.
 H33
 811.4 **Platt, J. J.** Idyls and lyrics of the Ohio valley. 1888.
 P57
 811.4 **Riley, J. W.** His pa's romance. 1903.
 R45h
 811.4 **Stedman, E. O.** Blameless prince. 1869.
 St3b
 811.4 ——— Prince's ball. 1860.
 St3p
 811.4 **Stoddard, E. H.** Poems. 1852.
 St6
 811.4 ——— Songs of summer. 1857.
 St6s
 811.4 **Taylor, Bayard.** Home pastorals, ballads and lyrics. 1875.
 T21h
 811.4 ——— Lars: a pastoral of Norway, 1873.
 T21i
 811.4 ——— National ode. 1877.
 T21n
 811.4 **Trowbridge, J. T.** Poetical works. 1903.
 T75
 811.4 **Tuckerman, H. T.** Poems, 1851.
 T79
 811.4 **VanDyke, Henry.** Music and other poems. 1904.
 V28m
 811.4 **Ward, Mrs E. S. (P.)** Poetic studies. 1875.
 W21p
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 W21s

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- 812.4 **Aldrich, T. B.** Mercedes; a drama in two acts. 1894.
 A12
 812.4 ——— Judith of Bethulia. 1904.
 A12j

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 H83a
 812.4 ——— Counterfeit presentment. 1877:
 H83c
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 T21p
 812.4 Ward, E. S. (P.) Within the gates. 1901.
 W21w

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- 813.2 Brackenridge, H. H. Modern[chivalry. 2 v. 1819.
 B72
 813.2 Flint, Timothy. Shoshonee valley. 2 v. 1830.
 F64
 813.2 Hitchcock, Enos. Memoirs of the Bloomsgrrove family. 2 v.
 H63 1790.
 813.2 Paulding, J. K. Puritan and his daughter. 2 v. in 1. 1849.
 P28p
 813.2 ——— Westward ho. 2 v. 1832.
 P28w
 813.3 Hale, Mrs S. J. (B.) Traits of American life. 1835.
 H135
 813.3 Hall, James. Soldier's bride and other tales. 1833.
 H14s
 813.3 Hoffman, O: F. Greyslaer; a romance of the Mohawk. 2 v.
 H67 1840.
 813.3 Sedgwick, C. M. anon. Linwoods. 2 v. 1815.
 Se2l
 813.3 Simms, W: G. Kinsman. 2 v. 1841.
 Si3k
 8 3.3 ——— anon. Pelayo: a story of the Goth. 2 v. 1838.
 Si3p
 813.4 Alcott, L. M. Hospital sketches. 1863.
 A11h
 813.4 Allen, J. L. Mettle of the pasture. 1903.
 A15m
 813 4 Atherton, Mrs G. (F.) Splendid idle forties. 1902.
 At4s
 813.4 Banks, N. H. Oldfield. 1902.
 B22o
 813.4 ——— Round anvil rock. 19 3.
 B22r
 813.4 Bennet, R. A. For the white Christ. 1905.
 B43
 813.4 Brigham, Johnson. Old man's idyl, by Wolcott Johnson. 1905.
 B76

- 813.4 Churchill, Winston. The crossing. 1904.
 C47co
 813.4 Crawford, F. M. Whosoever shall offend. 1901.
 C85w
 813.4 Daskam, J. D. Smith college stories. 1900.
 D26s
 813.4 Deland, Mrs M. W. (C.) Dr. Lavendar's people. 1903.
 D37d
 813.4 Dillon, Mary. Rose of old St. Louis. , 1904.
 D58r
 813.4 Dixon, Thomas, jr. Clansman. 1905.
 L642c
 813.4 Dunbar, P. L. Heart of Happy Hollow. 1904.
 D91h
 813.4 ——— Sport of the gods. 1902.
 D91s
 813 4 Fox, John, jr. Christmas eve on lonesome. 1904.
 F83c2
 813.4 ——— Little shepard of Kingdom Come. 1903.
 F83l
 813.4 French, Alice. Captured dream and other stories, by Octave
 F88c Thanet. 1899.
 813.4 Garland, Hamlin. Hesper. 1903.
 G18h2
 813.4 ——— Light of the star. 1904.
 G18l2
 813 4 ——— Tyranny of the dark. 1905.
 G18t
 813 4 Gates, Eleanor. Biography of a prairie girl. 1902.
 G22
 813.4 Glasgow, Mrs E. A. G. Deliverance. 1904.
 G46d
 813.4 ——— Descendant. 1900.
 G46d2
 813.4 ——— Phases of an inferior planet. 1898.
 G46p
 813.4 Gordon, O: W: Gwen; an idyll of the canyon, by Ralph Connor.
 G65g 1904.
 813.4 ——— Prospector, by Ralph Connor. 1904.
 G85p
 813.4 Graham, M. O. Stories of the foot-hills. 1895.
 G76s
 813.4 Grant, Robert Undercurrent. 1904.
 G765u
 813.4 Hall, James. Legends of the west. 1885.
 H14
 813.4 Harris, J. O. Nights with Uncle Remus. 1881.
 H242n
 813 4 Harte, F. B. Trent's trust and other stories. 1903.
 H25t7

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 H42c
 813.4 Hillis, N. D. Quest of John Chapman. 1904.
 H55q
 813.4 Hough, Emerson. Law of the land. 1904.
 H811
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 H83d2
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 H83s2
 813.4 Hoyt, Eleanor. Nancy's country Christmas and other stories.
 H85n 1904.
 813.4 James, Henry. Ambassadors. 1903.
 J23am
 813.4 ——— Better sort. 1903.
 J23b
 813.4 ——— Golden bowl. 1904.
 J23g
 813.4 Johnston, Mary. Sir Mortimer. 1904.
 J64s
 813.4 Laut, A. C. Lords of the north 1900.
 L371
 813.4 London, Jack. Call of the wild. 1903.
 L84c
 813.4 ——— Faith of man. 1904.
 L84f
 813.4 ——— Sea wolf. 1904.
 L84s
 813.4 Major, Charles. Forest hearth. 1903.
 M28f
 813.4 Miller, Joaquin, *pseud.* First families of the Sierras. 1876.
 M61f
 813.4 Mott, F. B. Before the crisis. 1904.
 M85b
 813.4 Murfree, M. N. Champion, by Charles Egbert Craddock. 1902.
 M95c
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 M95f
 813.4 ——— Spectre of power, by Charles Egbert Craddock. 1903.
 M95s
 813.4 Norris, Frank. Deal in wheat and other stories. 1903.
 N79d
 813.4 Page, T: N. Bred in the bone. 1904.
 P14b
 813.4 ——— Gordon Keith. 1905.
 P14g
 813.4 Parker, Gilbert. Ladder of swords. 1904.
 P2212

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P246w
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Qu4a
813.4 Riis, J. A. Children of the tenements. 1903.
R44c
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R54f
813 4 Sexton, E. M. Stories of California 1902.
S:9s
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Sh42
813.4 Smith, F. H. Colonel Carter's Christmas. 1903.
Sm5c2
813.4 Stockton, F. B. Captain's toll-gate. 1903.
St6ca
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St7
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St9r
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T17c
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T37a
813.4 Tilton, Theodore. Tempest tossed. 1874.
T47t
813.4 Ward, Mrs E. S. (P.) Madonna of the tubs. 1887.
W21m
813.4 ——— Singular life. 1895
W21s
813.4 ——— Silent partner. 1899
W21s!
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W21su
813.4 ——— Supply at St. Agatha's. 1896.
W21sup
813.4 ——— Trixy. 1904.
W21t
813 4 Wharton, Mrs E. N. (J.) Valley of decision. 1902.
W55v
813.4 White, S. E. Blazed trail stories. 1904.
W582b
813.4 ——— Conjuror's house. 1903.
W582c
813.4 ——— Magic forest. 1903.
W 82m
813.4 ——— Silent places. 1904.
W582s
813 4 White, W: A. Stratagems and spoils. 1901.
W583s

- 813.4 W63a Wiggins, *Mrs* K. D. (S.) *Affair at the inn.* 1904.
 813.4 ——— *Penelope's Irish experiences.* 1902.
 W63p2
 813.4 ——— *Rebecca of Sunnybrook farm.* 1903
 W63r
 813.4 Wilkins, M. E. *Givers.* 1904.
 W65g
 813.4 ——— *Six trees.* 1903.
 W65s2
 813.4 ——— *Wind in the rose bush.* 1903.
 W65w
 813.4 Wise, J. S. *Lion's skin.* 1905.
 W75

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- 814.2 Olio: collected by a literary traveller. 1833.
 O13
 814.2 Waln, Robert, *jr.* *Hermit in Philadelphia,* by Peter Atall. 1821.
 W16
 814.3 Clark, L G. *Knick-knacks from an editor's table.* 1853.
 C54
 814.3 Clark, W. G. *Literary remains including the Ollapodiana*
 C55 *papers; ed. by L. G. Clark. Ed. 4.* 1859.
 814.3 Curtis, G: W: *Works.* 5 v. 1856.
 C94
 814.3 Lowell, J. R. *Early prose writings.* 1902.
 L95e
 814.3 Poe, E. A. *Works.* 2 v. 1850.
 P75w
 814.3 Sigourney, *Mrs* L H. (H.) *Sketches.* 1834.
 Si2
 814.3 ——— *Past meridian.* Ed. 2. 1858.
 Si2p
 813.4 Tuckerman, H: T: *Optimist.* 1850.
 T79
 814.3 ——— *ed. anon.* *Philadelphia book.* 1836.
 T79p
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 B38
 814.4 Davis, *Mrs* B. (H.) *Bits of gossip.* 1905.
 D289b
 814.4 Deland, *Mrs* M. W. (C.) *Common way.* 1904.
 D37c

- 814.4 LeGallienne, Richard. Sleeping beauty and other prose fancies.
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P29
814.4 Repplier, Agnes. Compromises. 1904.
R29c
814.4 Thompson, Maurice. Sylvan secrets in bird-songs and books.
T37 1887.
814.4 Tilton, Theodore. Sanctum sanctorum. 1870.
T45
814.4 Torrey, Bradford. Nature's invitation. 1904.
T63n

815 American Oratory.

- 815.08 Johnston, Alexander, *ed.* American orations. 4 v. 1896-97.
J64a
815.08 Model banquet speeches. 1901.
M72
815.2 Cooke, Increase. American orator. 1818.
C77
815.4 Curtiss, G: W: Orations and addresses. 3 v. 1893.
C95o
815.4 Johnson, Andrew. Speeches. 1865.
J62
815.4 Wagner, Harr, *ed.* Notable speeches by notable speakers of the
W12 greater West. 1902.
815.4 Ward, Durbin. Life, speeches and orations. 1888.
W21

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- 817 Bangs, J: K: Houseboat on the Styx. 1895.
B22h
817 Burdette, R. J. Smiles yoked with sighs. 1900.
B89s
817 Clemens, S. L. Writings of Mark Twain. v. 1-23. 1903.
C59
817 ——— Extracts from Adam's diary. 1904.
C59e
817 Harrison, John, *comp.* After-dinner stories. 1903.
H24
817 Holley, Marietta. Samantha at the St. Louis exposition. 1904,
H72
817 Sanborn, K. A. Wit of women. 1885.
Sa5
817 Shillaber, B. P. Wide-swath. 1882.
Sh6w

- 817 Thompson, M. M. *Plu-ri-bus-tah*, by Q. K. Philander Doesticks. 1856.
 T37
 817 Wells, Carolyn. *Pooy for the wise*. 1904.
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 817.08 Browne, W. H. *Witty sayings of witty people*. 1878.
 B81
 817.08 Burton, W. E. *ed.* *Cyclopedia of wit and humor*. 2 v. 1858.
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 817.08 Masson, T. L. *ed.* *Little masterpieces of American wit and humor*. 6 v. 1903.
 M382
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 817.08 Wells, Carolyn, *comp.* *Parody anthology*. 1904.
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 817.08 ——— *Nonsense anthology*. 1902.
 W46n
 817.3 Cocoran, D. *anon.* *Pickings from the portfolio of the reporter of the New Orleans "Picayune"*. 1846.
 C81p
 817.3 Hooper, J. J. *Widow Rugby's husband*. 1851.
 H76w
 817.3 Neal, J. C. *Charcoal sketches*. 1846.
 N35c
 817.3 ——— *Misfortunes of Peter Faber*. 1856.
 N35m
 817.3 ——— *Peter Ploddy*. 1856.
 N35p
 817.3 Willis, N. P. *Fun jottings*. 1853.
 W67
 817.4 Bailey, J. M. *Life in Danbury*. 1874.
 B15
 817.4 Bridges, Robert. *Overheard in Arcady*. 1894.
 B76

818 American Miscellany.

- 818 *Affection's gift*. 1855.
 Af2
 818 *Amaranth*. 1842, 1852-53.
 Am1
 818 *American historical annual*. 1853.
 Am3
 818 *Boston book*. 1836, 1841, 1850.
 B65
 818 *Caskett*. 1854.
 C26

818	Christian keepsake. 1847.
C46k	
818	Christmas blossoms and New Year's wreath. 1850.
C462	
818	Dewdrops. 1853.
D51	
818	Family circle and parlor annual. 1849.
F24	
818	Forget-me-not. 1854.
F76	
818	Friendship's offering. 1846, 1854.
F91	
818	Friendship's offering and winter wreath. 1833.
F912	
818	Garland. 1848, 1850.
G18	
818	Gift. 1839-40, 1842, 1845.
G36	
818	Gift of friendship and casket of literature. 1848.
G362	
818	Iris. 1853.
Ir4	
818	Ladies' wreath. v. 3-4. 1849-51.
L12	
818	Lady's annual. n. d.
L123	
818	Laurel wreath. n. d.
L37	
818	Magnolia. 1837, 1854.
M27	
818	Mayflower. 1846.
M45	
818	Moss rose. 1852.
M85	
818	Oasis. 1857.
Oa7	
818	Offering. 1834.
Of2	
818	Opal. 1846.
Op1	
818	Pet annual. n. d.
P44	
818	Religious offering. 1840.
R268	
818	Religious souvenir. 1839.
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1901-02.
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1902-04.
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- — — **56th cong. 1st sess.** Senate documents. v. 7, pt. 2.
- — — **56th cong. 2d sess.** House documents. v. 4, 12, pt. 4, 13 pt. 2-4; v. 14, 116, 119-120.
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- — — **57th cong. 1st sess.** House documents. v. 2, 6, 8-13, 15-20, 24, 28-31, 35, 37-41, 44-52, 55-70, 84-89, 91-127, 129-30.
- — — **57th cong. 1st sess.** Senate documents. v. 1-5, 7, 9-14, 16-17, 19-25, 27-36
- — — **57th cong. 2d sess.** Congressional record. v. 36.
- — — **57th cong. 2d sess.** Congressional record index. v. 36.
- — — **57th cong. 2d sess.** House documents. v. 1-28, 30-35, 37-67, 70-71, 73-76, 78-79, 81, 83-87, 89-114, 116, 128.
- — — **57th cong. 2d sess.** Senate documents. v. 1-6, 8-9, 11-16, 18-24.
- — — **57th cong. 2d sess.** Senate reports. v. 1-3.
- — — **58th cong. Special session** Senate documents. v. 1-4.
- — — **58th cong. 1st sess.** Congressional record. v. 37.
- — — **58th cong. 1st sess.** House documents. v. 1-3.
- — — **58th cong. 1st sess.** Senate documents. v. 1-3.
- — — **58th cong. 1st sess.** Senate journal.
- — — **58th cong. 2d sess.** Congressional record. v. 38.
- — — **58th cong. 2d sess.** House documents. v. 1-24, 26-34, 36-38, 40-43, 51-54, 56-61, 65-71, 73-74, 77-80, 83-86, 88-95, 100-105, 109, 111, 113, 116, 126.
- — — **58th cong. 2d sess.** House journal.
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AUTHOR LIST.

**Arranged Alphabetically by Authors' Surnames. Bio-
graphies are Entered under both Authors and Subjects.**

- Abbey, Charles John.** Religious thought in old English verse. 821 Ab1
Abbot, Willis John. Carter Henry Harrison; a memoir. H2452a
Abbott Ernest Hamlin. Religious life in America. 277.3 Ab2
Abbott, Katharine M. Old paths and legends of New England
 917 4 Ab2
Abbott, Lyman. The other room. 218 Ab2
 ——— Personality of God. 231 Ab2
 ——— & Conant, T: J. ed. Dictionary of religious knowledge
 203 qAb2
Abolitionist. 326 5 Ab7
Academy. 050 qAc1
Academy of natural sciences, Philadelphia. Proceedings. 506 qAc1p
Acton, John Emerick Edward Dalberg Acton, 1st baron. Letters of
 Lord Acton to Mary Gladstone. Ac8
Adam, Juliette (Lamber) Romance of my childhood and youth. Ad11
Adams, Charles Francis. Address on the life, character and services of
 William Henry Seward. qSe84a
Adams, John Quincy. Lives of celebrated statesmen. Ad12u
 B Ad1
 ——— Orations on the life and character of Gilbert Motier de Lafayette.
 LI3a
John Quincy, Adams. Addresses and funeral solemnities by U S—Congress.
Adams, Maurice B. ed. Modern cottage architecture. 728 fAd1
Adams, Oscar Fay. Some famous American schools. 370 9 Ad12
Adams, Samuel. Writings. 308 Ad15
Adams Thomas Sewell & Sumner, H. L. Labor problems. 331 Ad1
Adams, William Davenport. Dictionary of the drama. 808 2 Ad1
Addison, Daniel Dulany. The Episcopalians. 283 Ad2
Addison, Joseph. Miscellaneous works. 824.5 Ad2m
 ——— & others. Spectator. 824 5 Ad2a
Addison, Joseph. Life by Aiken. Ad2a
Adler Cyrus. Voice of America on Kishineff. 296 Ad5
Adventurer. 050 Ad8
Advocate of peace & universal brotherhood. 172 4 Ad94
Affection's gift. 818 Af2
African observer. 326 5 Af8
African repository & colonial journal. 325 6 Af8
Aiken Lucy. Life of Joseph Addison. Ad2a
 ——— Memoirs, miscellanies and letters. A14
 ——— Memoirs of the court of King James the first. 942.06 A14
 ——— *jt. author.* See Channing, W: E.

Akers, Charles Edmond. History of South America, 1854-1904.	980	Ak3
Alcott, Amos Bronson. Sonnets and canzonets.	811.3	A12s
Alcott, Louisa May. Hospital sketches.	813.4	A11h
Aldrich, Thomas Bailey. Judith of Bethulia.	812.4	A12j
—— Mercedes; a drama in 2 acts.	812.4	A12
—— Ponkapog papers.	814.4	A12
—— <i>ed.</i> Young folk's library.	808.8	Yo8
Aldrich, Wilbur. Money and credit.	332	A12
Alexander, Augustus Washington. Grant as a soldier.		G76a
Alford, Henry, Dean of Canterbury. Life, journals and letters		A12
All the year round.	050	H811
Allan, Elizabeth Preston. Life and letters of Margaret Junkin Preston.		P923
Allen, Grant. Cities of Belgium.	914.93	A15
—— County and town in England.	942	A152
—— Florence.	914.55	A15
—— Paris.	914.436	A15
—— Venice.	914.52	A15
Allen, James Lane. Mettle of the pasture.	813.4	A15m
Amaranth.	818	Am1
American academy of political & social science. Corporations and public welfare.	338.8	Am8
American annals of education & instruction.	370.5	Am3a
American antiquarian.	918	Am28
American architect & building news.	720.5	fAm3
American art annual.	705	Am3
American banker's association. Report.	332.1	Am3
American book-prices current.	018.3	Am3
American catholic quarterly review.	205	Am3c
American economic association. Publications.	306	Am3p
American ephemeris & nautical almanac.	528.1	qUn3
American geologist.	550.5	Am3
American historical annual.	818	Am3
American jest book.	808.8	Am3
American journal of archaeology.	913	Am3
American journal of insanity.	132.1	Am3
American journal of science.	505	Am3
American journal of sociology.	305	Am3j
American journal of the medical sciences.	610.5	Am3
American ladies' magazine.	050	L115
American messenger.	205	fAm3m
American monthly magazine.	050	Am3m3
American monthly review.	050	Am3m6
American naturalist.	505	Am35
American odd fellow.	366.3	Am3
American pharmaceutical association. Proceedings.	615.06	Am3
American polytechnic journal.	605	Am3
American prose miscellany.	818.2	Am3
American protestant magazine.	205	Am3p
American repertory of arts, sciences & manufactures.	605	Am3r

American society of civil engineers. Preceedings.	620.6	Am3p
— — Transactions.	620.6	Am3t
American statistical association. Publications.	310	Am3l
Amherst college. Catalogue.	378.78	Am4c
Amos, Andrew. Corporation problem.	380	Am3
Anacreon. Odes; tr. by Thomas Moore.	884.8	Anlom
Analectic magazine.	050	Anl
Ancient order of united workmen—Iowa grand lodge. Journal of proceedings.	366 6	Iog
Andersen, Hans Christian. Improvisatore.	839.8	An2i
— — In Spain and a visit to Portugal.	914.6	An2
— — O. T. a Danish romance.	839.8	An2o
— — Only a fiddler.	839.8	An2on
— — Pictures of travel.	914	An2
— — Poet's bazaar.	914	An2p
— — Stories & tales.	839.8	An2s
— — Two baronesses.	839.8	An2t
— — Wonder stories.	839.8	An2w
Andersen, James. Constitutions of the Free-masons.	366.1	qAn2
Andrew, John A. Life by Pearson.		An27p
Andrews, William. Literary byways.	824.8	An2
Anglo-African magazine.	326.5	An4
Anglo-American.	050	fAn4l
Angus, D. C. Japan, the eastern wonderland.	915 4	An4
Annalen der physik & chemie; beiblätter.	530 5	An7l
Annals of Iowa.	977.7	An7
Annals of the American academy of political & social science	305	An7
Annual catalogues: American & English.	015.78	qAm3l
Annual literary index.	050	qAn7
Annual register.	905	An7
Annunsio, Gabriele d'. Episcopo and company.	853.8	An7c
— — Flame of life.	853.8	An7f
— — Francesca da Rimini.	852.8	An7f2
— — Intruder.	853 8	An7i
— — Maidens of the rocks.	853 8	An7m
— — Triumph of death.	53.8	An7t
Anti-slavery record.	326.5	An8
Antiquarian & general review.	205	An8
Arblay, Frances Burney, mme d'. Life by Dobson.		Ar14d
Architectural record.	720 5	Ar2
Arena.	050	Ar3
Aristotle. Aristotle's psychology: a treatise on the principle of life. tr. by W. A. Hammond.	185	Ar4h
— — Politics; tr. by B. Jowett.	185	Ar4pj
Arizona—Territorial library. Catalogue.	017	Ar4
Arnim, Mary Annette (Beauchamp) gräfin von. Adventures of Elizabeth in Rügen.	823.8	Ar6a
Arnim, Elisabeth von, jt. author. See Günderröde, Karoline.		
Arnold, Benedict. Life by Todd.		Ar57t
Arnold, Sir Edwin. Book of good counsels.	891.2	H63a
— — Potiphar's wife and other poems.	891.8	Ar6p2

Arnold, Matthew, comp. Matthew Arnold's notebooks.		Ar6n
Arnold, Matthew. Life by Dawson.		Ar6d
——— Life by Russell.		Ar6r
Art amateur.	705 f	r7a
Art journal.	705 f	Ar7
Arthur's ladies' magazine.	050 q	Ar7
Akawa, Kanichi. Russo-Japanese conflict.	951.8	As1
Ashley Percy. Modern tariff history.	337	As3
Ashley, Roscoe Lewis. American government.	342 73	As3a
Ashley, William James. Adjustment of wages.	331	As3
Ashton, John. History of English lotteries.	174.6	As3
Association for the advancement of women. Papers read before the association.	396	As7
Association of engineering societies. Journal.	630.6	As7
Association of officials of Bureaus of labor statistics of America. Proceedings.	331	As7
Astronomical journal.	520.5 f	As8
Atall, Peter, pseud. See Wain, Robert, jr.		
Athenaeum.	050 f	At4
Athenaeum; or, Spirit of the English magazines.	050	At41
Atkerton, Mrs Gertrude (Franklin) Splendid idle forties.	813 4	At4s
Atkinson, Edward. Facts and figures the basis of economic science.	330	At5
Atlantic monthly.	050	At6
Aubrey, John. Letters written by eminent persons in the 17th and 18th centuries.	826	Au1
Audubon John James. Life by Burroughs.		Au26
Austin, David, ed. anon. American preacher.	252	Au7
Austin, Mrs Mary (Hunter) Land of little rain.	917 8	Au7
Autumn leaves.	205	Au8
Babcock, Mrs Winnifred (Eaton) Daughters of Nijo.	895	B11d
Bacon, Francis. Life by Spedding.		B13a
Bacon, John Mackenzie. Dominion of the air.	533 6	B13
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——— Greece.	914.95	B14
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Bailey, J C Studies in some famous letters.	826	B15
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Bailey Liberty Hyde. Nature—study idea.	507	B15
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Baird, Henry Martyn. The Huguenots and Henry of Navarre.	384.5	B16h2
——— The Huguenots and the revocation of the edict of Nantes.	384.5	B16h
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Baker, Henry Barton. History of the London stage.	792	B17

Baker, Ira Osborn. Treatise on roads and pavements.	625 7	B17
Balance & Columbian repository.	071	fB18
Balch, Edwin Swift, <i>ed.</i> Letters and papers relating to the Alaska frontier.	917 98	qB181
Balch, Thomas Willing. Alaskan frontier.	973	qB18
Baldry, Alfred Lys. Modern mural decoration.	747	qB19
Balwin, Charles Sears. American short stories.	808 3	B19
Ballou's pictorial drawing room companion.	050	fG47
Baltimore literary monument	050	B21
Balsac, Honoré de. Droll stories.	843	B21d
——— Love letters.		B:151
Balzac, Honoré de. Life by Sandars.		B215s2
Bancroft, Mrs Elizabeth (Davis) Letters from England, 1845-1849.		B225
Bangs John Kendrick. Houseboat on the Styx.	817	B22h
Bankers' magazine.	332	B22
Banks, Nancy Huston. Oldfield.	813.4	B22o
——— Round anvil rock.	813 4	B22r
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Bardsley, Charles Wareing. Curiosities of puritan nomenclature.	929 4	B232
Barham, Richard Harris. Ingoldsby legends.	398 2	B23
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Barrett Albert B. Modern banking methods.	332.1	qB27
Barry, William Francis. Newman.		N465b
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Bartlett George Hartnell. Pen and ink drawing.	760	fB28
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Bates, Katherine Lee. English religious drama.	822 1	B31
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——— The minstrel; or the progress of genius.	821 6	B31
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Beauties of ancient poetry, <i>anon.</i>	821.08	B38
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Belford's monthly magazine.	050	B412
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Belloc, Bessie R. Historic nuns.	B200	B41
Bémont, Charles & Monod, G. Medieval Europe.	940 1	B42
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Bennett, James Gordon. Life by Pray.		B43
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—— Rossetti.		R73b
Bentley, Richard. Works.	208	B44
<i>Bentley, Richard</i> . Life by Monk.		B447m
<i>Benton, Thomas Hart</i> . Life by Meigs.		B445
Béranger, Jean Pierre de. Beranger's poems.	841	B45
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Blackstone monument association, Pawtucket. Address delivered at the formation of the Blackstone monument association... and proceedings, July 4, 1855.		B548
Blackwood's Edinburgh magazine.	050	B56
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Blaisdell, Albert Franklin. Life and health.	612	B57
Blanchard, Samuel Laman. Life and literary remains of L. E. L.		M23
Bland, Robert & others. Collections from the Greek anthology.	881	B61
Blanden, Charles G. Battle of love.	11.4	B61b
Boccaccio, Giovanni. Life of Dante.		fD228b
Bonnell, Henry Houston. Charlotte Brontë, George Eliot, Jane Austen.	820	B64
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Book chat.	050	qB634
Book lover	050	fB64
Booklovers magazine.	050	qB64
Bookman.	050	B641
Bookmart.	010.5	qB642
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Boston weekly magazine.	050	fB651
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 ——— Life by Hensel. C59h2
 ——— Life by Triplett. C59t
 ——— Life by Welch. C59w2
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Collection of poems on religious and moral subjects. 245 C68
Collinswood, William Gerahom. Ruskin relics. qR89c2
Collins, John Churton. Studies in Shakespeare. 822.33 Dco
Collum, Richard S. History of the United States marine corps 359 C69
Colonial society of Pennsylvania. Charter, constitution, bylaws, officers, committees, members, etc. 974.8 qC68
Colonizationist & journal of freedom. 355.6 C71
Coolquhoun, Archibald Ross. Greater America. 325 C72g
Columbia university—Faculty of political science. Studies in history, economics and public law. 305 C72
Columbian magazine. 050 C72
Columbus, Christopher. Life by Thacher. qC72t2
Comptes rendus. 505 qC73
Compton, Herbert Eastwick. Indian life in town and country. 915.4 C73
Conant, Thomas J. jr. author. See Abbott, Lyman.
Congregational churches of Iowa, General association of. Minutes. 285.8 1o9

Congregational quarterly.	205	C762
Congreve, William. Comedies.	822.4	C76
Connecticut—Hospital for the insane at Middletown. Report.	362 2	C76
Connecticut—State Librarian. Report.	027.5	C76
Connecticut evangelical magazine and religious intelligencer.	205	C761
Connecticut historical society. Collections.	974.6	C76c4
Connor, Ralph, <i>pseud.</i> See Gordon, Charles William.		
Contemporary review.	050	C76
Conway, Moncure Daniel. Autobiography.		C768
——— Life of Nathaniel Hawthorne.		H31c
Conwell, Russell H. Life, speeches and public services of James A. Garfield.		G18c2
Cooke, George Willis, <i>ed.</i> Poets of transcendentalism; an anthology.	811 08	C77
Cooke, Increase. American orator.	815 2	C77
Cooley, Charles Horton. Human nature and the social order.	301	C77
Cooper, Charles B. <i>comp.</i> Chronological and alphabetical record of the engagements of the great civil war.	973.8	C78
Cooper, E. Muse's library.	821.08	C78
Cooper, James Fennimore, <i>anon.</i> Chronicles of Cooperstown.	974.774	C78
Corcoran, D. <i>anon.</i> Pickings from the portfolio of the reporter of the New Orleans "Picayune".	817.8	C81p
Corelli, Marie. Free opinion freely expressed on certain phases of modern social life and conduct.	824.8	C81
Cornell, William Mason. Life of Samuel Jones Tilden.		T45co
Cornell university. Register.	378.73	C81c
Cornell university—Library. Catalogue of the historical library of Andrew Dickson White.	016.944	qC81
Cornhill magazine.	050	C81
Corson, Hiram. Introduction to the study of Shakespeare.	822.33	DCo4
Cosmopolitan.	050	C82
Court & lady's magazine.	050	C83
Covode, John. Memorial addresses by U. S. -Congress.		C82
Cowen, Thomas. Russo-Japanese war.	951 8	C83
Cowley, Abraham. Works.	821.4	C83
Cowper, William. Correspondence.		C825c2
Cox, J. Roalfe. Horse in accident and disease.	619	C83
Cox, Samuel Sullivan. Memorial addresses by U. S. -Congress.		qC832u
Coxe, Tench. View of the United States of America.	917.3	C83
Craddock, Charles Egbert, <i>pseud.</i> See Murfree, Mary Noelles.		
Crafts, William A. Life of Ulysses S. Grant.		G76cr
Craftsman.	705	qC84
Craig, Asa H. Pros and cons.	808	C84
Craigie, William A. Primer of Burns.	821.6	B93yc
Cranch, Christopher Pearse. Ariel and Caliban with other poems.	811.3	C85
Crawford, Francis Marion. Whosoever shall offend.	813.4	C85w

Crawford, Mary Caroline. College girl of America.	376	C852
Crayon.	705	qC85
Creevey, Thomas. Creevey papers.		C859
Critic	050	q 86
Crockett, David. Life of Martin Van Buren.		V27c
Crockett, Samuel Rutherford. Adventurer in Spain.	828.8	C87a
— Flower-o'-the corn.	828.8	C87f2
— Loves of Miss Anne.	828.8	C8714
— Raiderland.	914.14	C87
— Red cap tales.	828.8	C87red
— Strong Mac.	828.8	C87s6
Croly, David G. Seymour and Blair; their lives and services.		8e9c
Cromwell, Oliver. Life by Clark.		C88c1
Crozier, John Beattie. Civilization and progress.	901	C88c
Cruikshank, J. W. Umbrian towns.	914.56	C88
Crystal fount & Rechabite recorder.	178	C88
Cuffel, Charles A. History of Durell's battery in the civil war.	973.74	P38c
Cultivator.	680.5	fC892
Cultivator & country gentleman.	680.5	fC89
Cummont, Franz. Mysteries of Mithra.	295	C91
Cumulative index.	050	qC91
Cundall, Joseph. Brief history of wood-engraving.	761	C91
Cunningham, Allan. Life by Hogg.		C912
Cunningham, William. Rise and decline of the free trade movement.		££7C91
Current literature.	050	fC93
Curtis, Francis. Republican party.	329.6	C94
Curtis, George William. Life, character and writings of William Cullen Bryant.		B843c2
— Orations and addresses.	815.4	C94o
— Works.	814.3	'94
Curtis, William Eleroy. True Abraham Lincoln.		L63c5
Cushing, Caleb. Outlines of the life and public services, civil and military, of William Henry Harrison.		H246c
Cust, Robert Needham. Clouds on the horizon.	266	C96
— Linguistic and oriental essays.	404	C96
Daily news almanac.	305	D14
Dake, Orsamus Charles. Nebraska legends and poems.	811.4	D145
Dana, Charles Anderson. Art of newspaper making.	070	D19
Dana, James Dwight. Characteristics of volcanoes.	551.21	D19
Dana, Richard Henry. Poems and prose writings.	811.2	D19
Daniel, John Warwick, ed. Life and reminiscences of Jefferson Davis.		Ds9
Daniels, Cora Linn & Stevens, O. M. ed. Encyclopaedia of superstitions, folk-lore and the occult sciences.	133	qD22
Dante Alighieri. New life; tr. by Dante Gabriel Rossetti.	851	D23r
— Vision of purgatory and paradise.	851	fD23c
Dante Alighieri. Life by Boccaccio.		fD228b
Darresteter, Mme Agnes Mary Frances (Robinson) Life of Ernest Renan.		R29d

Darwin, Charles Robert. More letters.		D25d
Darwin, Charles Robert. Life by Holder.		D25h
Darwin, Leonard. Municipal trade.	352	D256
Daskam, Josephine Dodge. Smith college stories.	813 4	D38a
Davenport academy of natural sciences. Proceedings.	506	D27
Davey John. Tree doctor.	634	D27
Davidson, Arthur Fitz-William. Alexander Dumas (père)		D89
Davidson, George. Alaska boundary.	973	qD28
Davidson, John. Commercial federation and colonial trade policy.	382	D28
Davidson, Thomas. Education of the wage-earners.	374	D28
—— Prolegomena to his memorial.	821.8	T25yd
Davis, Garrett. Memorial addresses by U. S.—Congress.		qD294
Davis, Jefferson. Life by distinguished men of his time; ed. by J. W. Daniel.		D29
—— Life by Jones.		D29j
Davis, Mrs Rebecca (Harding) Bits of gossip.	814.4	D289b
Davitt, Michael. Fall of feudalism in Ireland.	941 5	D28
Dawson, Thomas O. South African republics.	980	D32
Dawson William Harbutt. Matthew Arnold.		Ar6d
Dawson, William James. Makers of modern poetry.	821	I32
De Bow's review.	050	D35
Deemer, Horace Emerson & others. Papers relating to the science of penology.	362	D36
DeFontaine, F. G. Marginalia.	973 79	D35
Dekker Edward Douwes. Walter Pieterse.	839 33	D366
Deland, Mrs Margaret Wade (Campbell) Common way.	814.4	D37c
—— Dr. Lavendar's people.	813 4	D37d
Delano, W. H. Twenty years practical experience of natural asphalt.	625.8	D37
DeMenil, Alexander Nicholas. Literature of the Louisiana territory.	B810	D39
Democratic congressional committee. Democratic campaign books.	329.01	D39c
—— Campaign text book.	329 01	D39t
Denison, Thomas Stewart. Old schoolhouse.	811 4	D41
Dennis, James Shepard. Centennial survey of foreign missions.	266	D42
—— Christian missions and social progress.	266	D42c
Dennis John, ed. Robert Southey.		So8d2
De Quincey, Thomas De Quincey memorials; ed. by A. H. Japp.		D447j
Des Moines, Ia.—Park commissioners, Board of. Annual report.	711	D46
Des Moines city, Valley Junction & Polk county directory.	917 771	D46
Deuchar, David. Collection of etchings after the most eminent masters of the Dutch and Flemish schools.	767	fD48
Deutsch, Leo. Sixteen years in Siberia.	915 7	D48
De Vere, Aubrey Thomas. Life by Ward.		D49w
Devine, Edward Thomas. Principles of relief.	361	D49

De Vinne, Theodore Low. Practice of typography; a treatise on title pages.	655.3	D49
Dewar, Daniel, jr. <i>author.</i> See Macleod, Norman.		
Dewdrops.	818	D51
Dewey, Davis Rich. Financial history of the United States.	337.73	D51
Dewey, Mary, E. ed. Life and letters of Catherine M. Sedgwick.		Se26d
Dewey, Orville. Autobiography and letters.		D513
Dexter, Edwin Grant. History of education in the United States.	370.9	D52
—— Weather influences.	136.2	D52
Dexter, Franklin Bowditch, ed. Biographical sketches of the graduates of Yale college.	B378	qY1
Dial.	050	qD54
Dial; a magazine for literature, philosophy & religion.	050	D541
Dickens, Charles. Letters.		D55
—— Poems and verses.	821.8	D55
Dickens, Charles. Charles Dickens and the stage by T. E. Pemberton.		D55p
—— Life by Dolby.		D55do
—— Real Dickens land by Ward.		qD55w2
Dieck, Herman. Life and public services of Grover Cleveland.		C59d
Dillon, Emile Joseph. Maxim Gorkey.		P992
—— Sceptics of the Old testament.	221	D58
Dillon, Mary. Rose of old St. Louis.	813.4	D58r
Dinsmore, Charles Allen. Aids to the study of Dante.	851	D23yd
Dix, John. Life of Thomas Chatterton.		C392d
Dixon, Thomas, jr. Clansman.	813.4	D642c
Dobell Sidney. Life by Jolly.		D65
Dobson, Austin. Fanny Burney (Madame d'Arblay)		Ar14d
—— Side walk studies.	824.8	D65s
Dodge, William Wallace. Fraternal and modern banquet orator.	808.5	D66
Doddsley, Robert, ed. Select collection of old plays.	822.08	D66
Doesticks, Q. K. Philander, pseud. See Thompson, Mortimer M.		
Dolby, George. Charles Dickens as I knew him.		D55do
Donne, John. Works.	252	D71
Dopp, Katherine Elizabeth. Place of industries in elementary education.	371.42	D72
Doraheimer, William. Life and public services of Grover Cleveland.		C59de
Doubleday, H. Arthur, Gotley, G. H. & Hardy, W: J: ed. Victoria history of Hampshire and the Isle of Wight.	942	fV66h
Doubleday, H. Arthur & Page, William, ed. Victoria history of the county of Bedford.	942	fV66b
—— Victoria history of the county of Warwick.	942	fV66w2
Doubleday, Mrs Nellie Blanchan (DeGraft) How to attract the birds.	598.2	D74
Dougall, Charles Shirra. Burns country.	914.1	D74
Douglas, Beverly B. Memorial addresses by U. S.—Congress.		qD742
Douglas, Sir George, ed. Scottish fairy and folk-tales	398.4	D74
Douglas, James. Theodore Watts-Dunton.		D92

Douglas, Mrs Stair. Life and selections from the correspondence of William Whewell.		W57d
Douglas, Stephen Arnold. Addresses on the death of Douglas by U. S.—Congress.		D74u
Douglas Jerrold's shilling magazine.	050	D74
Dow, Joy Wheeler. American renaissance.	728	qD75
Dowden, Edward. Robert Browning.		B82d
Doyle, Sir Arthur Conan. Adventures of Gerard.	823.8	D77a2
— Return of Sherlock Holmes.	823.8	D77r3
Drake, Samuel Adams. Old landmarks and historic person-ages of Boston.	917.44	D78
Draper, John William. Thoughts on the future civil policy of America.	321.8	D79
Dresser, Horatio Willis. Man and the divine order.	201	D81
— Power of silence.	204	D81p
Drummond, Henry. Life by Lennox.		D841
Dublin review.	050	D85
DuBois, Patterson. Fireside child-study.	173	D85
— Natural way in moral training.	377	D85
DuBois, William Edward Burghardt. Souls of black folk.	326	D85s
Du Deffand, Mme Marie de Vichy Chamrond. Unpublished correspondence.		D862
Dudley, Lady Jane Grey. Life by Bartlett.		D863
Duquid, Charles. Story of the stock exchange.	332.6	D87
Dumas, Alexander (père) Life by Davidson.		D89
— Life by Spurr.		D89s
Dunbar, Paul Laurence. Heart of Happy hollow.	813.4	D91h
— Li'l' gal.	811.4	D9114
— Lyrics of love and laughter.	811.4	D9113
— Lyrics of sunshine and shadow.	811.4	D9115
— Sport of the gods.	813.4	D91s
Dunton, Theodore Watts— Life by Douglas.		D92
Eastburn, James Wallace. Yamoyden; a tale of the wars of King Philip.	811.2	Ea7
Eastern Star, Order of the—Iowa grand chapter. Official proceedings.	366.15	1o9
Eaton, John Henry, jr. author. See Reid, John.		
Ebers, Georg. Historical romances and autobiography.	833	Eb3
Eckstorm, Mrs Fannie Hardy. Woodpeckers.	598.2	Ec5w
Eclectic magazine of foreign literature.	050	Ec6
Eclectic museum.	050	Ec62
Eclectic repertory & analytical review.	610.5	Ec6
Economic journal.	305	Ec7
— Index to v. 1-10, 1891-1900.	305	Ec7
Eddy, Arthur Jerome. Recollections and impressions of James A. McNeill Whistler.		W578e
Eddy, Mrs Mary Morse Baker (Glover) Science and Health.	131	Ed2s
Edgar, William Crowell. Story of a grain of wheat.	633	Ed3
Edgeworth, Maria. Life by Lawless.		Ed31
Edinburgh review.	050	Ed4

Education.	370 5	Ed8
Educational review.	370 5	Ed83
—— Analytical index to v. 1-25.	370.5	Ed83
Edwards, Henry Sutherland. Idols of the French stage.	B792	Ed9
Edwards, Owen Morgan. Wales.	942 9	Ed9
Electrical world & engineer.	621.3	fE12
Elektrotechnische zeitschrift.	621.3	fE122
Eliot, Charles William. More money for the public schools.	379	E14
Eliot, Ida Mitchell & Soule, C. G. Caterpillars and their moths.	595.7	E14
Elliott, Mrs Maud (Howe) Roma beata.	915 56	E15
—— & Hall, F. H. Laura Bridgman.		B759
Ellis, George. Specimens of the early English metrical romances.	823.1	E15
Elson, Louis Charles. History of American music.	780.973	qE17
Elton, Charles Isaac. An account of Shelley's visits to France, Switzerland and Savoy, 1814 & 1816.		Sh4e
—— William Shakespeare; his family and friends.	822.33	Be
Ely, Richard Theodore. Studies in the evolution of industrial society.	330	E19s
Emblem.	366.3	Em1
Emerald.	050	Em3
Emerson, Ralph Waldo & Grimm H. Correspondence.		Em3co
Emerson, Ralph Waldo. Life by Hale.		Em3h2
—— Life by Mead.		Em3m
Emmett, Daniel Decatur. Life by Galbreath.		Em6
Emporium of arts & sciences.	605	Em7
Encyclopedia Americana.	030	qEn2
Encyclopedia Britannica; new volumes.	030	qB77
Engineering & mining journal. Ore deposits.	553 1	En3
Engineering magazine.	620.5	En3
English belles-letters.	820.8	En3
English catalogue of books.	015.42	qEn3
English historical review.	905	En3
Era	050	L711
Erakine, Andrew, <i>jt. author.</i> See Boswell, James.		
Escreet, J. M. Life of Edna Lyall (Ada Ellen Bayly)		B34
Eugenius, <i>pseud.</i> See Stevenson, John Hall.		
Euripides. Euripides, tr. into English rhyming verse by Gilbert Murray.	862	Eu7m
Evangelical & literary magazine.	205	Ev1a
Evangelical guardian and review.	205	Ev1g
Evangelical magazine & gospel advocate.	205	fEv1m
Evans, Charles. American bibliography.	015.73	qEv1
Evans, Thomas, <i>jt. ed.</i> See Evans, William.		
Evans, William & Evans, Thomas, <i>ed.</i> Friends' library.	289.6	qEv1
Everett, William. Italian poets since Dante.	851.09	Ev2
Evergreen.	050	qEv2
Everybody's magazine.	050	Ev2
Ewer, James K. Third Massachusetts cavalry in the war for the Union.	973.74	M38e

Examiner & journal of political economy.	305	qEx1
Experienced Christian's magazine.	205	Ex6
Extracts, &c.	808.81	Ex8
Fabyan, Robert. New chronicles of England and France.	942	fF11
Fairbairn, Andrew Martin. Philosophy of the Christian religion.	201	F15
Falkiner, Caesar Litton. Studies in Irish history and biography.	941.5	F18
Falloux, Alfred Frederic Pierre, <i>comte de</i> . Life and letters of Mme Swetchine.	Sw45f	
Family circle & parlor annual.	818	F21
Famous composers & their works.	B780	qF21
Farmer, Fannie Merritt. Boston cooking-school cook book.	641	F22
Farr, Edward, <i>ed</i> . Select poetry chiefly sacred.	245	F24
Farrar, Mrs Eliza. Recollections of seventy years.		F244
Farrar, Frederic William. Life by Farrar.		F245f
Farrar, Reginald. Life of Frederic William Farrar.		F245f
Farrington, Oliver Cummings. Gems and gem minerals.	553.8	qF24
Faulkner, John Alfred. The Methodists.	287	F27
Fauriel, Claude Charles. History of provencal poetry.	849.1	F27
Favorite poems.	808.81	F27
Fénelon, Francois de Salignac de la Mothe, <i>abb. of Cambray</i> . Adventures of Telemachus.	843	F35t2
Fenn, Sir John, <i>ed</i> . Paston letters.		P263f
Fernad, James Champlin. Connectives of English speech.	425	F39
Ferry, Orris S. Memorial addresses by U. S.—Congress.		qF41
Fichte, Johann Gottlieb. Characteristics of the present age.	193.2	F44c
Fickett, M. Grace. <i>jt. comp.</i> See Stone, G. L.		
Field, Rev. John. Prison discipline and the advantages of the separate system of imprisonment.	365	F45
Fields, Mrs Annie (Adams) Charles Dudley Warner.		W24f
—— Whittier.		W615f
Filippi, Filippo de. Ascent of Mount St. Elias by H. R. A. Prince Luigi Amedeo.	917.98	fF47
Financial register of the United States.	336.73	F49
Finerty, John Frederick. Ireland.	941.5	F49
Fink, William Wescott. Echoes from Erin.	811.4	F49
Fiske, John. How the U. S. became a nation.	973	F54
Fitzgerald, Percy. Life of Laurence Sterne.		St39f
Flaherty, Martin Charles. <i>jt. comp.</i> See Gayeley C. M.		
Faulbert, Gustave. Complete works.	843	F61
—— Sentimental education.	843	F61s
Fletcher, Horace. The A. B.—Z. of our nutrition.	613.2	F63
Flick, Lawrence Francis. Crusade against tuberculosis.	616.246	F64
Flickinger, Robert Elliott. Pioneer history of Pocahontas county, Iowa.	977.7	qF64
Fliegende blätter.	071	qF64
Flint, Robert. Agnosticism.	149.7	F64
Flint, Timothy. Shoshonee valley.	813.2	F64
Folklore society. County Folk lore.	398	F71c

Forbes, Sir William. Account of the life and writings of James Beattie.		B383f
Ford, Paul Leicester, ed. Great words from great Americans.	308	F75
Foreign quarterly review.	050	qF76
Forget-me-not.	818	F76
Forrest, Mary. Women of the South distinguished in literature.	B810	F77
Fortnightly review.	050	F77
Forum.	050	F772
Foster, Rev. Elon. New cyclopaedia of prose illustrations.	808.8	F81
Foster, John Watson. American diplomacy in the Orient.	327.73	F81
—— Arbitration and the Hague court.	341.6	F81
Foulke, William Dudley. Life of Oliver P. Morton.		M842
Fox, Caroline. Memories of old friends.		F828
Fox, John, jr. Christmas eve on lonesome.	813.4	F83c2
—— Little sheperd of Kingdom Come.	813.4	F83i
Frank Leslie's popular monthly.	050	fF853
Franklin, Benjamin. Franklin's letters to his kinsfolk.		F85i2
—— Memoirs.		F85fr
Franklin journal.	605	F85
Frederick II, the Great, king of Prussia. Life by Lord.		F87i1
Freeman, James Edward. If not the saloon—what?	178	F87
Freeman, Mrs Mary Eleanor (Wilkins) See Wilkins, Mary Eleanor.		
Freemason—Grand lodge—Iowa. Proceedings.	366.1	Io9g
Freer, A. Goodrich. Inner Jerusalem.	915.69	F87
Freitag, Joseph Kendell. Fireproofing of steel buildings.	693.8	F88
Frémont, Mrs Jessie (Benton) Story of the guard.	973.74	F88
French, Alice. Captured dream and other stories.	813.4	F88c
French, George. Printing in relation to graphic art.	655.3	F88
French, Lillie Hamilton. Homes and their decoration.	747	F88
French, William Edward Patterson, jr. comp. See Chas., E. L.		
French belles-letters.	840.8	F89
Freneau, Philip. Bibliography of the separate and collected works, by Paltsits.		F885p
Friend.	205	qF914
Friends' review.	205	qF91
Friendship's offering.	818	F91
Friendship's offering and winter wreath.	818	F912
Fröbel, Friedrich August Wilhelm. Letters.		F92h
Froude, James Anthony. My relations with Carlyle.		C19f2
Funk, Isaac Kaufman. Widow's mite and other psychic phenomena.	130	F96
Furness Horace Howard. F. R. 1833-1900.		R63f
Galbreath, Charles Burleigh. Daniel Decatur Emmett.		Em3
—— Sketches of Ohio libraries.	027.477	G13
Gallagher, William Davis, ed. anon. Selections from the poetical literature of the west.	11.08	G13
Gardner, Edmund Garrett. Dukes and poets in Ferrara.	945.4	G17
Gardner, Ernest Arthur. Ancient Athens.	913.85	G17
Garfield, James Abram. His speeches at home.	308	G18c

<i>Garfield, James Abram.</i> Life by Coffin.		G18c
— Life by Conwell.		G18c2
— Life by Reid.		fG18r
<i>Garland, Hamlin.</i> Hesper.	813 4	G18h2
— Light of the star.	813.4	G18l2
— Tyranny of the dark.	813.4	G18t
<i>Garland, Hugh A.</i> Life of John Randolph of Roanoke.		R15g
<i>Garland.</i>	818	G18
<i>Garnett, Lucy Mary Jane.</i> Turkish life in town and country.	914.96	G18
<i>Garnett Richard, & Gosse, E. W.</i> English literature.	820	qG18
<i>Garrett, Edmund H. comp.</i> Elizabethan songs in honor of love and beautie.	821.08	G19
<i>Garrison, William Lloyd.</i> Life by Grimke.		G195g
<i>Gaskell, Thomas Penn.</i> Free-trade a failure.	337	G21
<i>Gates, Eleanor.</i> Biography of a prairie girl.	813 4	G22
<i>Gaussen, Alice Cecilia Caroline, ed.</i> A later Pepys; the correspondence of Sir William Weller Pepys.		P40?g
<i>Gautier, Théophile.</i> Works.	843	G23
<i>Gavel.</i>	366.3	G24
<i>Gayley, Charles, Mills & Flaherty M. O. comp.</i> Poetry of the people.	808.81	G25
<i>Geikie Sir Archibald.</i> Landscape in history and other essays.	550.4	G27
<i>General convention of universalists for the United States.</i> Annual report.	289.1	G28
<i>Gentleman's magazine</i> (Lond.)	050	G28
<i>Gentleman's magazine</i> (Phil.)	050	qG281
<i>Godey's lady's book.</i>	050	qG54
<i>Geographical journal.</i>	910.5	G29
<i>Geological society of America.</i> Bulletin.	550.6	G29
<i>George, Hereford Brooke, ed.</i> Poems of English country life.	821.08	G29
<i>Georgian period; a collection of papers dealing with colonial or 18th century architecture in the United States.</i>	720.973	fG29
<i>Gerrare, Wirt.</i> Greater Russia.	915.7	G32
<i>Ghent, William James.</i> Mass and class.	331	G34
<i>Gibbon, Edward.</i> Autobiographies.		G35a
— Miscellaneous works.	824.6	G35
— Private letters, 1753-1794.		G351
<i>Gibbons, Alfred St. Hill.</i> Africa from south to north.	916	D35
<i>Gibson, Charles Dana.</i> Everyday people.	741	fG35e
<i>Gibson, James.</i> Inscriptions on the tombstones and monu- ments erected in memory of the covenanters.	929.5	G35
<i>Gifford, William.</i> The baviad and maeviad.	827	G36
<i>Gift.</i>	818	G36
<i>Gift of friendship & casket of literature.</i>	818	G362
<i>Gilbert, Josiah H.</i> Dictionary of burning words of brilliant writers.	808.8	G37
<i>Gildon, Charles.</i> Letters and essays on several subjects, by several gentlemen and ladies.	824.4	G38

Gillfillan, George. Poets and poetry of the Bible.	220.81	G39
Gill, William Fearing. Life of Edgar Allan Poe.		P748g
Gillette, Halbert Powers. Economics of road construction.	625.7	G413
Gilman, Mrs Charlotte (Perkins) Stetson. Human work	301	G42
Gilman, Nicholas Paine. Methods of industrial peace.	331.1	G42
Gladstone, William Ewart. Speeches.	308	G45s
Gladstone, William Ewart. Life by Morley.		G45mo
——— Life by Paul.		G45p
Glasgow, Mrs Ellen Anderson Gholson. Deliverance.	813.4	G46d
——— Descendant.	813.4	G46d2
——— Freeman and other poems.	811.4	G46f
——— Phases of an inferior planet.	813.4	G46p
Glazer, Simon. Jews of Iowa.	296	G46
Godey's lady's book & magazine.	050	qG54
Godwin, Mrs Mary (Wollstonecraft) Vindication of the rights of woman.	396	G54
Godwin, William. Life by Paul.		G542p
Goff, Emmett Stull. First principles of agriculture.	630	G55
Goldsmith, Oliver. History of England.	942	G57
——— Traveller, the Deserted village and other poems.	821.6	G57t
——— Vicar of Wakefield.	823.6	G57v
——— ed. anon. Poetical dictionary of the beauties of the English poets.	808.8	G57
Goldsmith, Oliver. Life by Prior.		G57p
Gomme, George Laurence. Folklore relics of early village life.	398.3	G583
Good roads.	625.7	G59
Good words.	050	G63
Goodnow, Frank Johnson. City government in the U. S.	352	G62c
Goodrich, Alfred John. Theory of interpretation applied to artistic musical performance.	781	G62
Goodrich, Frederick E. Life and public services of Grover Cleveland.		C59g
Goodrich, Samuel Griswold. Outcast and other poems.	811.3	G62
Gordon, Charles William. Gwen, an idyll of the canyon, by Ralph Connor.	813.4	G65g
——— Prospector, by Ralph Connor.	813.4	G65p
Gordon, John Brown. Reminiscences of the civil war.	973.78	G65
Gordon, Mrs Mary (Wilson) Christopher North, a memoir of John Wilson.		W692
Gorkey, Maxim, pseud. See Pyeshkoy, Alekséi Maksimovich.		
Gorren, Aline. Anglo-Saxons and others.	304	G68
Goschen, Georg Joachim. Life by Viscount Goschen.		G59g
Goschen, George Joachim Goschen, 1st viscount. Life and times of Georg Joachim Goschen, published and printer of Leipzig.		G69g
Gosse, Edmund William. Coventry Patmore.		P275g
——— Jeremy Taylor.		T213j
——— jt. author. See Garnett, Richard.		
Göthe, Johann Wolfgang von. Goethe's letters to Leipzig friends.		G5512

- Göthe, Johann Wolfgang von.* Life by Lewes. G55l
 ——— Life by Sime. G55s
- Gotley, G. Henniker, *jt. author.* See Doublebay, H. A.
- Gould, Mrs Anne E. (Gore), *jt. author.* See Whitmarsh, O. S.
- Gould, Sabin Baring. In troubadour land. 914.4 G73
- Gower, Lady Harriett (Cavendish) Granville Leveson. Letters of
 Harriett Countess Granville, 1810-1845. G7452
- Grafton, Richard. Grafton's chronicle; or, History of England. 942 fG75
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- Grahame, Kenneth. Golden age. 823.8 G76g
- Grand army of the republic—National encampment.
 Journal of the annual session. 973.76 G76
- Grand canyon of Arizona. 917.91 G79
- Granger, Edith, *ed.* Index to poetry and recitation. 808.81 qG76
- Grant, Robert. Undercurrent. 813.4 G765u
- Grant, Ulysses Simpson. Life by Alexander. G76a
- Life by Boyd. G76bo
- Life by Brisbin. G76b2
- Life by Crafts. G76cr
- Life by Howland. G76h
- Life by Larke. G76l
- Life by Mansfield. G76m
- Life by Palmer. G76pa
- Life by Phelps. G76p2
- Life by Swift. G76s2
- Life by Thayer. G76t
- Gray, Arthur, *ed.* Toasts and tributes. 808.5 G79
- Gray, Thomas. Letters, including the letters of Gray & Mason. G80t
- Greeley, Horace. Hints towards reform. 304 G81
- Greeley, Horace. Life by Linn. G81l
- Life by Reavis. G81r
- Life by Reid. G81r2
- Greene, Nathaniel. Remains, by Rhode Island General assembly. G83
- Greenslet, Ferris. Walter Pater. P269g
- Gregory, George. Life of Thomas Chatterton. C392g
- Griffis, William Elliott. Sunny memories of three pastorates. 252 G87
- John Chambers. C35g
- Grigg, John. Grigg's southern and western songster. 784 G87
- Grimke, Archibald H. William Lloyd Garrison. G195g
- Grimm, Herman, *jt. author.* See Emerson, R. W.
- Grinnell, Elizabeth & Grinnell, Joseph. Stories of our western
 birds. 598.2 G87s
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- Griswold, Rufus Wilmot, *ed.* Poetry of the affections. 808.81 G88a
- Poetry of the passions. 808.81 G88p

—— Poetry of the sentiments.	808.81	G88s
Gronau, Georg. Titian,		T53g
Gue, Benjamin F. History of Iowa.	977 7	G93
Guérin, Eugénie de. Letters.		G932
Guérin, Georges Maurice de. Journal.		G93a
Guiccioli, Teresa Gamba, <i>contessa</i> . My recollections of Lord Byron.		B99g
Guinness, H. Andrea del Sarto.		Sa74
Gulick, Sidney Lewis. Evolution of the Japanese, social and psychic.	915.2	G95
Gunby, Andrew Augustus. Two addresses on negro education.	371.94	G95
Günderode, Karoline, & Arnim, Elizabeth von. Correspondence.		G95
Guntton's magazine.	305	G95
Gusman, Pierre. Pompeii.	913 37	fG97
Guyon, Mme Jeanne Marie (<i>Bouvières</i>) de la Motte. Life by Upham.		G99u
Gwynn, Stephen Lucius. Thomas Moore.		M789g
Hadow, William Henry, <i>ed</i> . Oxford history of music.	780.9	H11
Haggard, Andrew Charles Parker. Sidelights on the court of France.	944.03	H12
Hakluyt, Richard. Principal navigations, voyages, traffiques and discoveries of the English nation.	910	H12
Halcyon luminary & theological repository.	205	qH123
Hale, Edward Everett: New England history in ballads.	811.08	H13
—— Ralph Waldo Emerson.		Em3h2
Hale, John Peter. Trans-Allegheny pioneers.	975.4	H13
Hale, Mrs Sarah Josepha (Buell) Traits of American life.	813.3	H135
Hall, Edward. Hall's chronicle containing the history of England.	942	fH14
Hall, Edward W. History of the higher education in Maine.	370.9	H14
Hall, Florence Howe, <i>jt. ed</i> . See Elliott, Mrs M. (H.)		
Hall, Granville Stanley. Adolescence.	150	H14
Hall, James Legends of the west.	813.4	H14
—— Letters from the west.	917.6	H141
—— Memoirs of the public services of William Henry Harrison.		H246b2
—— Romance of western history.	917 6	H14r
—— Soldier's bride and other tales.	813 3	H14s
—— Statistics of the west.	917.7	H14
Hall, Samuel Carter, <i>ed</i> . Book of British ballads.	821.08	H14b
Halleck, Fitz-Greene, <i>ed</i> . Selections from the British poets.	821.08	H15
Halliwell-Phillips, James Orchard. Dictionary of archaic and provincial words.	427	H15
Halsey, Francis Whiting, <i>ed</i> . Authors of our day in their homes.	B810	H16
Hamerton, Philip Gilbert. Isle of Loch Arne and other poems.	821.8	H17
Hamilton, Alexander. A few of Hamilton's letters.		H178a
—— Works.	308	H181
Hamilton, Angus. Korea.	915 19	H18

Hammerton, John Alexander.	Stevensoniana.	St43h
Hammurabi, king of Babylonia.	Code of Hammurabi, king of Babylon about 2500 B. C.; tr. by Robert Francis Harper.	849 H18
Hancock, Harrie Irving	Physical training for women by Japanese methods.	613.7 H19p
Hancock, Winfield Scott.	Life by Cole.	H192c
Hand, James Edward.	Ideals of science and faith.	215 H19
Handford, Thomas A.	Early life and public services of Grover Cleveland.	C59h3
Hannan, William I.	Textile fibers of commerce.	677 H19
Hanotiaux, Gabriel.	Contemporary France.	944.08 H19
Hansard, Thomas Curson.	Parliamentary histroy of England from the earliest period to the present time.	328.42 H19
Harbinger of peace.		172.4 H213
Harbottle, Thomas Benfield.	Dictionary of historical allusions.	903 H21
Harding, Samuel Bannister, ed.	Indiana university, 1820-1904.	370.9 In2h
Hardy, William John, jr. author.	See Doubleday, H. A.	
Harper's new monthly magazine.		050 H23
Harrington, Charles.	Manual of practical hygiene.	613 H23
Harris, Joel Chandler.	Nights with Uncle Remus.	813.4 H242n
Harrison, Benjamin.	Life, anon.	H245
—	Life by Northrop.	H245n
Harrison, Carter Henry.	Memoirs by Abbot.	H2452a
Harrison, Frederic.	Chatham.	P642h
Harrison, John, comp.	After dinner stories	817 H24
Harrison, John Smith.	Platonism in English poetry.	821 H24
Harrison, William Henry.	Life by Cushing.	H246c
—	Life by Hall.	H246b2
—	Life by Montgomery.	H246m
—	Sketch, anon.	H246s
Hart, Albert Bushnell, ed.	American nation; a history.	973 H25
Hart, John S.	Female prose writers of America.	B810 H255
Harte Francis Bret.	Trent's trust and other stories.	813.4 H25t7
Harte, Francis Bret.	Life by Pemberton.	H252
Hartford, Frances, countess & Pomfret, H. L., countess	Correspondence.	H213
Harting, James Edmund.	Birds of Shakespeare.	822.33 Gh
Hartmann, Sadakichi.	Japanese art.	759.9 H25
Harvard lyceum.		050 H26i
Harvard magazine.		050 H26
Harvard university.	Annual report of the president and treasurer.	378.73 H26p
Harvard university.	Catalogue.	378.73 H26c
Hassard, John R. G. ed.	Wreath of beauty.	808.8 qH27
Hasse, Adelaide Rolalia.	United States government publications.	025.3 H27
Hastings, James, & others, ed.	Dictionary of the Bible; extra volume.	220.3 qH27

- Hawk, Robert Moffett Allison.* Memorial addresses by U. S.-Congress. qH3I5
- Hawkesworth, John.* Account of the voyages for making discoveries in the southern hemisphere. 910 H3I
- Hawkins, Sir John.* Life of Samuel Johnson. J63b2
- Hawley, Emma Alethea.* Bibliography of Wisconsin authors. 015.775 H3I
- Hawthorne, Julian.* Hawthorne and his circle. H3Ih2
- *ed.* World's great classics. 808.8 H3I
- Hawthorne, Nathaniel.* Life of Franklin Pierce. F6I
- Hawthorne, Nathaniel.* Hawthorne and his circle, by Julian Hawthorne. H3Ih2
- Hawthorne Centenary celebration at the Wayside; ed. by Higginson. H3Ih3
- Life by Conway. H3Ic
- Life by Lathrop. H3Ih2
- Hay, John.* Pike county ballads. 811.4 H327
- Haydn, Joseph.* Dictionary of dates. 903 H32
- Hayes, M. Horace.* Veterinary notes for horse owners. 619.1 H19
- Hayne, Paul Hamilton.* Poems. 811.4 H33
- Haynes, Gideon.* Pictures from prison life; an historical sketch of the Massachusetts state prison. 365 H32
- Hazlitt, William.* Collected works. 824.7 H33
- Headlam, Cecil.* Oxford and its story. 914.25 qH34
- Hearn, Lafcadio.* "Gombo zhebes"; little dictionary of Creole proverbs. 398.9 H35
- Japan. 915.2 H35j
- Kotto; being Japanese curios. 895 H35k
- Kwaidan. 398 H35k
- Heath, Harold, jr. author.* See Jordan, D. S.
- Heaton, Ernest.* Trust company idea. 338.8 H35
- Heidenstam, Oscar Gustaff von.* Swedish life in town and country. 914.85 H36
- Heilpria, Angelo.* Mont Pelee and the tragedy of Martinique 551.21 H36
- Heine, Heinrich.* Prose and poetical works. 831 H36w
- Heitman, Francis Bernard.* Historical register and dictionary of the United States army. 355 qH36
- Helmolt, Hans F. ed.* History of the world. 909 qH36
- Helps, Sir Arthur.* Life and labours of Mr Brassey. B738
- Hendricks, Thomas Andrews.* Life by Triplett. C59t
- Memorial addresses by U. S.-Congress. qH33u
- Henley, William Ernest & Whibley, Charles.* Book of English prose. 520.8 H38
- Hensel, William Uhler.* Life and public services of Grover Cleveland. C59b2
- Hepburn, Alonzo Barton.* History of coinage and currency in the United States. 332 H4I
- Herald of health.* 613.05 H4I

Herford, Charles Harold. Robert Browning.		B82h
Hermitage, <i>pseud.</i> Life of Gen. Frank Pierce.		P61h
Herrick, Robert. Common lot.	813.4	H42c
Hervey, Arthur. Masters of French music.	B780	H44
Hesperian.	050	H462
Hewlett, Maurice Henry. Queen's quair.	823.8	H49q
—— Road in Tuscany.	914.55	H49
Hibbard, Freeborn Garrettson. Christian baptism.	265.1	H52
Hickman, George H., <i>anon.</i> Life of General Lewis Cass.		C27h
Higginson, Thomas Wentworth, <i>ed.</i> Hawthorne centenary celebration at the Wayside.		H31b3
—— Reader's history of American literature.	810	H53r
Hill, Constance. Juniper hall.		Ar14h
Hillard, George Stillman. Life and campaign of George B. McClellan.		M132h
Hillier, Alfred Peter. Prevention of consumption.	616.246	H55
Hillis, Newell Dwight. Master of the science of right living.	240	H55m
—— Quest of John Chapman.	813.4	H55q
—— Right living as a fine art.	240	H55r
Hilprecht, Hermann Vollrat, <i>ed.</i> Explorations in Bible lands during the 19th century.	913	H56
Hime, Henry W. L. Gunpowder and ammunition.	662.3	H57
Hinsdale, Burk Aaron. How to study and teach history.	907	H58
Hirst, Francis Wrigley. Adam Smith.		Sm49h
Hitchcock, Enos. Memoirs of the Blooms Grove family.	813.2	H63
Hitchcock, Frederick Lyman. War from the inside.	973.74	P38h
Hoar, George Frisbie. Autobiography.		H652
Hobbes, Thomas. Life by Stephen.		H654s
Hobson, John Atkinson. Imperialism.	327	H65
Hodgeson, Francis. Life by T. J. Hodgson.		H665
Hodgson, Frederick Thomas. Estimator and contractor's guide for pricing builder's work.	692	H66
—— Modern carpentry.	694	H66
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Hoffman, Charles Fenno. Greyslaer.	813.3	H67
Hogarth, William. Works.	750	qH67
Hogarth, William. Life by Ireland and Nichols.		H675i
Hogg, David. Life by Allan Cunningham.		C912
Hogg, James, <i>the Eltrick shepherd.</i> Poetical works.	821.7	H675
—— A queer book.	821.7	H675q
Holder, Charles Frederick. Charles Darwin.		D25h
Holdrich, Sir Thomas Hungerford. India.	915.4	H71
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Holland, William Jacob. Moth book.	595.7	qH71
Holland, William M. Life and political opinions of Martin Van Buren.		V27h
Holley, Marietta. Samantha at the St. Louis exposition.	817	H72

Holmes, Oliver Wendell. Astraea.	811.3	H73a
Holt, Emily. Encyclopedia of domestic economy.	640	H74
— Encyclopedia of etiquette.	395	H74
Homerus. Homeric ballads; tr. by William Maginn.	881	H75b
— Iliad.	881	qH75ip
— Odysseys.	881	fH75o
— Whole works; tr. by George Chapman.	881	H75ic2
Hood, Thomas. Memorials.		H76
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Hovey, Richard, jt. author. See Carman, Bliss.		
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— Counterfeit presentment.	812.4	H83c
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— Law of mental medicine.	181	H86
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Hugo, Mme J. Adele (Foucher) Victor Hugo by a witness of his life.		H872v
Hugo, Victor Marie, comte. Love letters.		H872l
— Memoirs.		H872m
Hugo, Victor Marie, comte. Life by Mme Hugo.		H872v
Hulme, Frederick Edward. Proverb lore.	398.9	H87
Humboldt, Frederick Wilhelm Heinrich Alexander freiherr von. Letters of Alexander von Humboldt to Varnhagen von Ense from 1827 to 1858.		H882
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Hunt, Freeman. Lives of American merchants.	B380	H91
Hunt, Leigh. Feast of the poets.	821.7	H91
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Hupfeld, Henry. Encyclopaedia of wit and wisdom.	808.8	H92
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Ireland, John, <i>abb.</i> Church and modern society.	282	1v2
Ireland, John & Nichols, John. Hogarth's works with life and anecdotal descriptions of his pictures.		H675i
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— Arrah Neil.	823.8	J23a3
— Attila.	823.8	J23a4
— Castle of Ehrenstein.	823.8	J23c
— Darnley.	823.8	J23d
— De l'Orme.	823.8	J23d2
— Forest days.	823.8	J23f
— Gowrie.	823.8	J23g
— Heidelberg.	823.8	J23h
— Henry Masterton.	823.8	J23h3
— Henry of Guise.	823.8	J23h2
— History of Charlemagne.		C376j
— The Huguenot.	823.8	J23h4
— John Marston Hall.	823.8	J23j
— Kings highway.	823.8	J23k
— Leonora D'Orco.	823.8	J23l
— Man-at-arms.	823.8	J23m
— Mary of Burgundy.	823.8	J23m2
— Old dominion.	823.8	J23o
— One in a thousand.	823.8	J23o2
— Philip Augustus.	823.8	J23p
— Richelieu.	823.8	J23r
— The Robber.	823.8	J23r2
— Rose d'Albret.	823.8	J23r3
— The woodman.	823.8	J23w
James, George Wharton. Indian basketry.	689	J23
James, Henry. Ambassadors.	813.4	J23am
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— Golden bowl.	823.4	J23g
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Jeafferson, John Cordy. Book of recollections.		J343
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<i>Thomas, Jefferson.</i> Life by Bayner.		J23r2
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Jerold, Walter, ed. True annals of fairyland, the reign of king Oberon.	398.2	J48
Jervis, W. P. comp. Encyclopedia of ceramics.	738	qJ48
<i>Jesus Christ.</i> Life by Clarke.	232	C55
Jevons, William Stanley. Letters and journal.		J53
Jewish encyclopedia.	296	qJ55
Jewish intelligencer.	296.05	J55
John Crerar library. List of bibliographies of special subjects.	016	qJ61
— List of books on industrial arts.	016.6	qJ61
Johns Hopkins hospital. Report of the superintendent.	362	J63
Johnson, Andrew. Speeches.	815.4	J62

<i>Johnson, Andrew.</i> Life by Savage.		J677s
——— Memorial addresses by U. S.-Congress.		J527
Johnson, Olifton Highways and byways of the South.	917 5	J62
——— Land of heather.	914 1	J63
Johnson, Columbus O. Water supply and prevention of waste in leading European cities.	628 1	J63
Johnson, Emory Richard. American railway transportation.	385	J63
Johnson, Jesse. Testimony of the sonnets as to the authorship of the Shakespearean plays and poems.	822.33	Aj
Johnson, John. Defense of Charleston harbor.	973.74	J63
Johnson, Samuel. Letters; ed. by Hill.		J63h
Johnson, Samuel. Life by Hawkins.		J63h2
Johnson, Sir William. Life by Buell.		J638
Johnson, William E., jr. author. See Woolsey, J. G.		
Johnson Wolcott. pseud. See Brigham, Johnson.		
Johnston, Alexander, ed. American orations.	815 08	J64a
Johnston, Mary. Sir Mortimer.	813.4	J64s
Johnston, William Dawson. History of the Library of Congress.	027.73	qUn3j
Jolly, Emily, ed. & comp. Life and letters of Sidney Dobell.		D65
Jones Edward David. Economic crises.	382	J71
Jones, Harry Clary. Elements of physical chemistry.	540	J69
Jones, John William. Davis memorial; volume; or, Our dead president Jefferson Davis.		D29j
Jones, Margaret Patterson. Other side.	914	J721
Jones, Richard. Growth of the Idylls of the king.	821.8	T25yj
Jones, Sir William. Life by Teignmouth.		J728t
Jonson, Ben. Works.	822 3	J69w
Jordon David Starr & Heath, Harold. Animal forms.	590	J76
Journal of American folk lore.	398 2	J82
Journal of comparative literature.	050	J82
Journal of political economy.	305	J82
Journal of prison discipline and philanthropy.	365	J82
Journal of the American medical association.	610 5	qJ82
Journal of the chemical society.	540 5	J82
Journal of the Franklin institute.	305	J824
Journal of the Military service institution of the United States	355 05	J82
Journalist.	071	fJ82
Joyce, Patrick Weston Social history of ancient Ireland.	913 415	J84
Jusserand, Jean Adrien Antoine Jules. English novel in the time of Shakespeare.	823	J98
——— Literary history of the English people.	820 9	J98
Juvenile miscellany.	050	J98m
Juvenile portfolio.	050	J98
Kalidasa The Raghuvansa.	891.2	K12j
Kansas Geological survey. Annual bulletin on mineral resources of Kansas.	557	qK13m
——— Geological survey (University of Kansas). University geological survey of Kansas.	557	qK13u

Kasson, John Adam. Evolution of the constitution of the U. S.	342.73	K15
Kean, Edmund. Life by Malloy.		K19m
Kebbel, Thomas Edward. The old and the new English country life.	914.2	K23
Keble, Rev. John. Christian year.	245	K23
Keim, De Benneville Randolph. Sherman; a memorial in art, oratory and literature.		q~h53k
Keller, Helen Adams. Story of my life.		K28
Kellor, Frances Alice. Out of work; a study of employment agencies.	331.8	K29
Kemlo, F. Watch repairer's handbook.	681	K31
Kenedy, John American songster.	784.8	K35
Kentucky—State library. Catalogue.	017	K41
Ker, William Paton. Dark ages.	809	K44
King, Charles R. ed. Life and correspondence of Rufus King.		K58k
King, Rufus. Life by C. B. King.		K58k
Kingsland, Mrs Florence. Book of indoor and outdoor games.	793	K61
Kingsmill, Joseph. Chapters on prisons and prisoners.	365	K61
Kipling, Rudyard. Writings in prose and verse.	823.8	K62
Knapp, Samuel Lorenzo. Lectures on American literature.	810.4	K72
Knight, Edward Frederick. South Africa after the war.	916.8	K74
Knight, Henrietta, Lady Luxborough. Letters Written to William Sherstone.		K74
Knowledge.	505	qK76
Knowles, Frederic Lawrence, ed. Treasury of humorous poetry.	817.08	K76
Knowles, W. Pitcairn. Dutch pottery and porcelain.	738	K76
Knox, George William. Japanese life in town and country.	915.2	K77
Knox, John. Life by McOrie.		K77m
Knox, Vicesimus. Elegant extracts; or, Useful and entertaining passages from the best English authors.	820.8	qK77
Kock, Charles Paul de. Memoirs written by himself.		K81
Körner, Christian Gottfried, jr. author. See Schiller, J: C. F.		
Kraus, Horatio Sheafe. William Butler Yeats.		Yolk
Kropotkin, Petr Aleksieevich. Russian literature.	891.7	K92
Krummacker, Frederick William. Elisha.	220.92	K94
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Kuhns, Levi Oscar. Dante & the English poets from Chaucer to Tennyson.	821	K95
—— Great poets of Italy.	851.09	K95
Ladies' companion.	050	L114
Ladies' garland.	050	qL122
Ladies' keepsake.	050	L118
Ladies' national magazine.	050	qL124
Ladies' repository.	050	qL12
Ladies' wreath.	818	L42
Lady's annual.	818	L123
Lady's magazine.	050	L116

- Lady's museum. O50 L126
 La Farge John. Great masters. B750 qL13
 La Fayette, Marie Joseph Paul Roch Yves Gilbert de Motier,
 marquis de. Memoirs, correspondence and manuscripts. L13me
 La Fayette, Marie Jean Paul Joseph Roch Yves Gilbert de Motier,
 marquis de. Life by Adams. L13a
 — Life by Tuckerman. L13b
 Laing, David, *ed.* Early popular poetry of Scotland. 821 08 B94
 Lakeside monthly. 050 L14
 La Live d'Epinay, Louise Florence Retronille (Tardieu d'Esclavelles)
 marquis de. Memoirs and correspondence. L15
 Lamb, Charles. Correspondence. L162c
 Lamb, Charles. Life by Martin. L169m
 Lamp. 050 B64
 Landon, Letitia Elizabeth. See Maclean, Mrs Letitia Elizabeth
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—— Letters and addresses.		L6313
Lincoln, Abraham. Life by Curtis.		L63c5
Linguet Simon Nelson Henri. Memoirs of the Bastille.	365	L64
Linn, William Alexander. Horace Greeley.		G811
Linton, William James. Poetry of America.	811.08	L65
Lippincott's monthly magazine.	050	L66
Literary emporium.	050	L70
Literary garland.	050	L703
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Literary magazine & American register.	050	L714
Literary magazine & British review.	050	L716
Literary news.	050	qL711
Literary world.	050	qL713
Literature.	050	fL715
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Living age.	050	fL715

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<i>Longfellow, Samuel.</i> Essays and sermons	252	L86
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<i>Longman's magazine.</i>	050	L86
<i>Looker-on.</i>	050	L87
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—— <i>jt. author.</i> See Patton J. H.		
<i>Lorenz, Daniel Edward.</i> Mediterranean traveller.	910.4	L88
<i>Louisiana—State Librarian.</i> Biennial report.	027.5	L93
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<i>McClellan, George Brinton.</i> Life by Hillard.		M132h
—— Life by Hurlbert.		M132h2
<i>McClure's magazine.</i>	050	M13
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<i>Macdonagh, Michael</i> Life of Daniel O'Connell.		Oc5m

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McKinley, William. Life by Porter.		M21p
Maclaren, Ian, pseud. See Watson, John.		
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Macmillan's magazine.	050	M22
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Maryland register.	317 52	M36
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Massachusetts magazine.	050	M384
Massachusetts quarterly review.	050	M38
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Masterpieces of wit & humor.	817 08	qM39
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Mechanic's magazine.	605	qM46
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Meigs, William Montgomery. Life of Thomas Hart Benton.	B415	
Memorial of William Miller Breadshear.		qB381
Memorial services in honor of General Francis Marion Drake.		qD782
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Michigan academy of science. Report.	506	M58
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Monk, James Henry. Life of Richard Bentley.	B447m	
Monad, G. Jt. author. See Bemont, Charles.		
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——— Letters.		M762i

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—— Life of Zachary Taylor.	T215m	
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Monthly chronicle.	050	M763
Monthly chronicle of north country lore and legend.	050	qM757
Monthly register, magazine & review of the United States.	050	M768
Monthly religious magazine.	205	M766
Monthly repository & library of entertaining knowledge.	050	M759
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—— Spectre of power, by Charles Egbert Craddock.	813 4	M95s
Murray, Thomas Hamilton. History of the Ninth regiment Connecticut volunteer infantry.	973 74	M96
Muse's mirror; being a collection of poems.	821 08	M97
Museum of foreign literature, science and art.	050	M97
Musical review & choral advocate.	780.5	M975
Musset, Louis Charles Alfred de. Life by Paul de Musset.		M97m
Musset, Paul Edna de. Biography of Alfred de Musset.		M97m
Myers, Frederick William Henry. Human personality and its survival of bodily death.	130	M99
Nast, Thomas. Life by Paine.		N185p
Nation.	071	qN21
National academy of sciences. Memoirs.	508	qN21
National civil service reform league. Proceedings.	351 6	N21
National commercial teachers' federation. Proceedings.	658	qN21
National conference for good city government. Proceedings.	352	N21
National conference of charities and corrections. Proceedings.	361.06	N21
National convention for the prohibition of the liquor traffic, Newcastle-upon-Tyne. Prohibition movement: papers and proceedings.	178.06	N21
National council of women of the United States. Transactions.	396	N211
National cyclopedia of American biography.	B	qN21
National educational association. Journal of proceedings and addresses.	370 6	N21
—— Year book.	370 6	N21y
National geographic magazine.	910 5	N21
National live stock association. Proceedings.	636	N21
National magazine.	050	N211
National metal trades association. Bulletin.	331.8	qN21
National register.	050	N215
National review (London)	050	N214
Nature.	505	qN21
Naval magazine.	359 05	N22
Naylor, William. Trades waste	628	N233

Neal, Joseph Clay. Charcoal sketches.	817 3	N35c
— Misfortunes of Peter Faber.	817 3	N35m
— Peter Ploddy.	817 3	N35p
Neally, Amy. comp. Poems on love.	808 81	N25
Nebraska university. Catalogue.	378.73	N27c
Nelson, Horatio Nelson, 1st viscount. Letters of Lord Nelson to Lady Hamilton.		N331
Nelson, Nels Lars. Scientific aspects of Mormonism.	298	N33
Neues jahrbuch für mineralogie, geologie and palaeontologie.	549 05	N57
New England family magazine.	050	N44f
New Hampshire—State librarian. Report.	027 5	N45
— State library. Author list.	018	N45
New Jersey—Geological survey. Annual report.	557	N46
— Final report.	557	N46f
— State librarian Annual report.	027 5	N46
New Jersey historical society. Documents relating to the colonial history of the state of New Jersey.	974 9	N46a
— Documents relating to the revolutionary history of the state of New Jersey.	974 9	N46r
New liberal review.	050	N459
New monthly magazine.	050	N467
New pictorial & illustrated family magazine.	050	qN471
New South Wales. Historical records.	994 4	N47
New world.	050	fN475
N. Y. (city)—Parks, Dep't. of. Report.	711	N48
— Public library. Bulletin.	025.1	qN48p
— Tenement house department. Report.	331.8	N48
New York (state)—Fisheries, game & forests, Commissioner of. Annual report.	639	qN48
— Museum. Annual report.	507	qN48
— Bulletin.	507	qN48b
— Memoir.	507	qN48m
— State geologist and paleontologist. Annual report.	557	N48a
— State library. Annual report.	027.5	N48
— Calendar of council minutes, 1668-1783.	974 7	N48c
— State library bulletin; bibliography.	016	N48
— University—College dept. Annual report.	378.73	N48
— University—High School dept. Annual report.	379.73	N48re3
— University—Home education dept. Annual report.	379.73	N48re4
— University, Regents of. Annual report.	379 73	N48
New York mirror.	050	fN48
New York missionary magazine.	205	N481
New York state woman suffrage association. Annual report.	324 3	N48
New Yorker.	050	fN482
Newcomb, Simon. Reminiscences of an astronomer.		N43
Newman, John Henry, card. & others. Lives of the English saints.	B942	N46

<i>Newman, John Henry, card.</i>	Life by Barry.	N465b
<i>Newton, Alfred.</i>	Dictionary of birds.	598 2 N48
<i>Newton, Ernest.</i>	Book of country houses.	728 fN48
<i>Nichols, John, jr. author.</i>	See Ireland, John.	
<i>Nicholson, John Page, comp & ed.</i>	Pennsylvania at Gettysburg.	973 74 P38n
<i>Nicholson, William.</i>	Almanac of twelve sports.	741 fN51a
—	An alphabet.	741 fN51
—	London types.	741 fN511
<i>Nicoll, William, Robertson & Wise, T. J. ed.</i>	Literary anecdotes of the 19th century.	820 N54
<i>Niles, John Milton.</i>	Life of Oliver Hazard Perry.	P427n
<i>Nineteenth century.</i>		050 N62
<i>Noble, Margaret E.</i>	Web of Indian life.	915.4 N66
<i>Norris, Frank.</i>	Deal in wheat.	813 4 N79d
—	Responsibilities of the novelist.	808 3 N79
<i>North American magazine.</i>		050 N815
<i>North American review.</i>		050 N81
<i>Northcote, Sir Strafford Henry, See Iddesleigh. Sir Stafford Henry</i>		
<i>Northcote.</i>		
<i>Northend O. anon.</i>	Churchyard literature.	929.5 N81
<i>Northrop, Henry Davenport.</i>	Life and public services of Gen. Benj. Harrison.	H245n
<i>Norton's literary gazette.</i>		050 fN82
<i>Notes & queries.</i>		050 N341
—	Ind x; series 7-9.	050 N841
<i>Nova, Solyma.</i>	Nova Solyma, the ideal city.	823.4 N85
<i>Noyes, Ella.</i>	Story of Ferrara.	945.4 N87
<i>Oakesmith, John.</i>	Religion of Plutarch.	156 2 P74o
<i>Oasis</i>		818 Oa7
<i>Oberholtzer, Ellis Paxon.</i>	Robert Morris.	M833
<i>O'Connell, Daniel.</i>	Life by Macdonagh.	Oc5m
<i>O'Connor, Thomas Power.</i>	Lord Beaconsfield.	B35o
<i>Odd-fellows, Right worthy grand lodge of the United States.</i>		
—	Journal of proceedings.	366 3 Od1
<i>Offering</i>		818 Of2
<i>Ogden, Bollo.</i>	William Hickling Prescott.	P921o
<i>Ogg, Frederic Austin.</i>	Opening of the Mississippi.	977 Og33
<i>Ohio—General Assembly.</i>	Biographical annals of Ohio.	977.1 Oh3
—	Geological survey. Bulletin; fourth series.	557 Oh34b
<i>Okakura Kakuzo.</i>	Awakening of Japan.	952 Ok1
<i>Old guard.</i>		050 Ol12
<i>Oldham, John.</i>	Works.	821 4 Ol1
<i>Olio.</i>		814.2 Ol3
<i>Olmsted, Frederick Law.</i>	Journey in the seaboard slave states.	917.5 Ol5
<i>Ontario—Legislative assembly.</i>	Municipal trading.	352 qOn8
<i>Opal.</i>		818 Op1
<i>Open court.</i>		205 fOp2
<i>Optimist.</i>		050 Op7

O'Reilly, Bernard. Life of Leo XIII.	L55o
Organized labor & capital.	331 Or3
Orion.	050 Or4
Osborne, George Jerry, <i>ed. anon.</i> Poetical miscellany.	821.08 Os1
Oster, William. Science and immortality.	218 Os5
Ossoli, Sarah Margaret (Fuller) <i>marchesa d'</i> . Love letters of Margaret Fuller.	Oh71
Otway, Thomas. Works.	822.4 Ot9
Outing	796 Ou8
Outlook.	050 qOu8
Overland monthly.	050 Ov2
Ovid <i>Fastorum libri inter-pretatio per Paulum Marsum.</i>	871 fOv4f
Owen, Belle, <i>anon.</i> Prairie winter, by an Illinois girl.	818 4 Ow2
Owen, Mary Alicia. Voodoo tales.	398 2 Ow2
Paderewski, Ignace Jan & others, <i>ed.</i> Century library of music.	780 tP13
Page, Thomas Nelson. Bred in the bone.	818 4 P14b
—— Gordon Keith.	818.4 P14g
—— The negro; the southerner's problem.	326 P14
Page, William <i>jt. ed</i> See Doubleday, H. A	
Paget, Sir Arthur. Paget paper.	P14
Paine, Albert Bigelow. Thomas Nast, his period and his pictures	N185p
Palgrave, Francis Turner. Golden treasury.	821.08 P17
—— Golden treasury; second series.	821.06 P17g
—— Treasury of sacred song.	245 P17
Pall Mall magazine.	050 P17
Palmer, Frederick. With Kuroki in Manchuria.	951.8 P 8
Palmer, Loomis T. Life of General U. S. Grant; <i>ed. by</i> L. T. Remlan [<i>pseud.</i>]	G76pa
Paltaita, Victor Hugo. Bibliography of the separate and collected works of Philip Freneau.	F885p
Pammel, Louis Hermann. Ecology.	581 6 P 9e
—— Laboratory guide in vegetable histology.	581 8 P19
—— Some weeds of Iowa.	581 6 P19s
Panoplist and missionary magazine.	205 P19
Pardo de Tavera, Trinidad Hermenegildo. Biblioteca filipina.	016.9914 P21
Parent's magazine.	050 P21
Paris, Gaston. Mediaeval French literature.	840 9 P21
Paris, Louis Philippe, Albert d'Orleans, <i>comte de.</i> History of the civil war in America.	973 7 P21
Parker, Sir Gilbert. Ladder of swords.	813 4 P2212
—— & Bryan, C G. Old Quebec.	971.4 P22
Parker, Theodore. Life by Weiss.	P225w
Parkman, Francis. Life by Sedgwick.	P23s
Parish, Randall. When wilderness was king.	813 4 P246w
Parsons, Frank. Story of New Zealand.	993.1 P25
Parton, James, <i>ed.</i> Humorous poetry of the English language, from Chaucer to Saxe.	817.08 P25

Pascal, Blaise. Provincial letters.	271 5	P26m
Paston, George, pseud. See Symonds, E. M.		
Paston letters; ed. by Sir John Fenn.		P263f
Pater, Walter. Life by Greenslet.		P269g
Pathological society of London. Transactions.	610.6	P27
Patmore, Coventry. Life by Gosse.		P275g
Patriarch	050	P27
Patten, Helen Philbrook. Year's festivals.	394	P27
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— Westward ho.	813.2	P28w
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Peabody, Francis Greenwood. Religion of an educated man.	204	P31
Peabody institute library. Second catalogue.	019	qP31
Pearl a ladies' weekly literary gazette.	178	qP31
Pearson, Henry Greenleaf. Life of John A. Andrew, governor of Massachusetts.		An27p
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— Life of Bret Harte		H252
Penn, William. Collection of the works of Penn.	208	fP382
Penn, William. Life by Janney.		P38j
Pennsylvania—State librarian. Report.	027 5	P38
Pennsylvania university. Catalogue.	378 73	P38c
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Peters, Madison Clinton. The Jew as a patriot.	296	P44j
Peto, Sir Samuel Morton. Resources and prospects of America.	917.3	P44
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Philadelphia album.	050	fP529
Philadelphia monthly magazine.	050	P529
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Pierce, Franklin. Life by Bartlett.		P61b
—— Life by Hawthorne.		P61
—— Life by Hermitage, <i>pseud.</i>		P61h
Pindar, Peter, <i>pseud.</i> See Wolcot, John.		
Pinkerton, John. Literary correspondence.		P652
Piozzi Mrs Hester Lynch (Salisbury) Thrale. Glimpses of Italian society in the 18th century.	914.5	P65
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Piscataqua evangelical magazine.	205	P67
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Plutarchus. Lives; the tr. called Dryden's.	B	P74c
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—— Life by Ingram.		P748i
Poet lore.	050	P75
Political mirror; or, Review of Jacksonism.		J12po
Political science quarterly.	305	P752
Polk, James Knox. Life and public services, <i>anon.</i>		P75
Pollard, Alfred William. English miracle plays, moralities and interludes.	822.1	P76
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Polyanthos; or, Flowers of literature.	808 81	P76
Pomfret, Henrietta Louisa countess, <i>jt. author.</i> See Hartford, Frances, countess.		
Poole, Stanley Lane. Barbary corsairs.	965	P78
Poole's index to periodical literature; fourth supplement, Jan. 1, 1897-Jan. 1, 1902.	050	qP78
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Prentiss, George Lewis. Life and letters of Elizabeth Prentiss.		P91
Presbyterian church in the United States. Centennial historical discourses delivered in the city of Philidelphia, June, 1876.		
	285.1	P92c
—— Government, discipline and worship of the Presbyterian church in the U. S. A.	285 1	P92
—— General assembly. Centennial of home missions.	266	P92
—— Minutes.	264 7	P91
Presbyterian historical almanac and annual remembrance.	205	P921
Preston, William Hickling. Life by Ogden.		P921o
—— Life by Peck.		P921p
Preston, Mrs Margaret (Junkin) Life by Allan.		P923
Prestivich, Joseph. Geology, chemical, physical and stratigraphical.	550	qP92
Prichard, Hesketh Vernon Hesketh.—Through the heart of Patagonia.	918.2	qP83
Priestly, Dr. Joseph. Memoirs.		P33
Princeton university. Catalogue.	378.73	P93c
Prior, Sir James. Life of Edmond Malone.		M29
—— Life of Oliver Goldsmith.		G57p
Prisoner's friend	365 05	P93
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Publisher's trade list annual and supplementary index.	015	P96
Publisher's weekly.	655 5	P96

Punch.	071	qP96
Putnam, Alfred Porter. Singers and songs of the liberal faith.	245	P98
<i>Pveshkov, Alekséi Maksimovich.</i> Life by Dillon.		P992
Pyle, Walter Lytle. Manual of personal hygiene.	613	P99
Quarterly journal of economics.	305	Qu2
Quarterly journal of inebriety.	178	Qu2
Quarterly review.	050	Q2
Quick, Herbert. Aladdin & co.	813.4	Qu4a
Quincy, Josiah, 1772-1864. Memoir of the life of Josiah Quincy, jr. of Massachusetts, by his son.		Q382
<i>Quincy, Josiah, 1744-75.</i> Life by Quincy.		Q382
Quinn J. Henry. Manual of library cataloging.	025.8	Q4
Quintilian (Marcus Fabius Quintilianus) Quintilian's institutes of eloquence.	875	Q1g
Quotations from the British poets.	808.8	Qu5
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Ragosin, Zénaïde A. Media, Babylon and Persia.	935	R12
Railroad gazette.	656	fR13g
Railway age.	656	fR13a
Railway review.	656	fR13r
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Ramsay, Allan. Poetical works.	821.5	R14
<i>Randolph, John.</i> Life by Garland.		R15g
Ravenel, Harriott Harry (Butledge) Life and time of William Lowndes of South Carolina, 1782-1822.		L953
Rawnsley, Hardwicke Drummond. Lake country sketches.	914.28	R1912
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Rayner, B. L. Life of Thomas Jefferson.		J354r2
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Reade, Charles. Life by Coleman.		R22c
Reader.	050	R22
Beavis, Logan Uriah. Representative life of Horace Greeley.		G81r
<i>Recamier, Mme Jeanne Francoise Julia Adelaide (Bernard)</i> Life by LeNormant.		R245
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Reid J. B. comp. Complete word and phrase concordance to the poems and songs of Robert Burns.	821.6	qB93yr
Reid, John & Eaton, J: H. Life of Andrew Jackson.		J12r
Reid, Whitelaw. Horace Greeley.		G81r2
Reinsch, Paul Samuel. Colonial government.	325	R27
Religious magazine.	205	R271
Religious offering.	818	R268

Religious souvenir.	818	R27
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Renan, Ernest. Life by Darmesteter.		R29d
Repplier, Agnes. Compromises.	814 4	R29c
Republic.	873 05	R29
Republican club book.	829 6	R29
Republican national committee. Republican campaign text book.		
	829 01	R29
— Proceedings.	829 01	R29p
Review of reviews.	050	R32
Revue des deux mondes.	050	R321
Rhead, George Wooliscroft. Treatment of drapery in art.	709	R34
Rhode Island—Charities and corrections, State board of.		
Annual report.	360	R34
— Joint special committee of the General Assembly. Re-		
mains of Major-general Nathanael Greene.		G83r
Rhode Island literary repository.	050	R341
Rhode Island school master.	370 5	R34
Rhys, Ernest, comp. Literary pamphlets.	808 8	R34
Rice, Wallace de Groot Oecil, comp. Athlete's garland.	808 81	R36
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Richardson, Samuel. Correspondence.		R39b
— Letters from Sir Charles Grandison, selected by George		
Saintsbury.	823.6	R391
Richardson, William. Essays on Shakespear's dramatic		
characters.	822 33	Dr
Richman, Irving Berdine. Rhode Island.	974 5	R41
Rider, Rev. George T. Lyra Anglicana.	245	R43
Riis, Jacob August. Children of the tenements.	813.4	R44c
— Peril and preservation of the home.	331.8	R44p
— Theodore Roosevelt, the citizen.		R675r
Riley, James Whitcomb. His pa's romance.	811 4	R45h
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Ringwalt, Ralph Curtis, jr. author. See Brookings, W. D.		
Ripley, William Zebina. Trusts, pools and corporations.	338.8	R48
Ritchie, George Thomas. List of Lincolniana.		qL63u
Rittenhouse, Jessie Belle. Younger American poets.	811 09	R51
Roberts, Charles George Douglas. Forge in the forest.	813.4	R54f
— Kindred of the wild.	590	R54k
— Watchers of the trails.	590	R54w
Roberts, Sir Frederick Sleigh, bart. Rise of Wellington.		W46r
Roberts, Harry. Tramp's handbook.	796	R54
Roberts, William. History of letter-writing from the earliest period		
to the 5th century.	808.6	R54
Roberts' semi-monthly magazine.	050	R541
Robespierre, Maximilian. Life by Lewes.		R548
Robinson, James Harvey. Introduction to the history of western		
Europe.	940	R56
Robinson, Sir John Richard. Life by Thomas.		R562t
Rodkinson, Michael L. tr. & ed. Babylonian Talmud.	296	qT1fr

<i>Rogers, Fairman.</i> Life by Furness.		R632
<i>Rogers, James Edwin Thorold.</i> Economic interpretation of history.	380.9	R63e
<i>Rogers, Joseph Morgan.</i> True Henry Clay.		C57r
<i>Rogers, Julia Ellen.</i> Among green trees.	592	qR63
<i>Romero, Matias.</i> Mexico and the United States.	972	qR66
<i>Roosevelt, Theodore.</i> Addresses and presidential messages.	308	R67a
—— Roosevelt doctrine.	308	R67
—— Winning of the west.	977	R67
<i>Roosevelt, Theodore.</i> Life by Leupp.		R675l
—— Life by Bliss.		R675r
<i>Rosenau, Milton Joseph.</i> Disinfection and disinfectants.	614.48	R72
<i>Rosenau, William.</i> Jewish ceremonial institutions and customs.	296	R72
<i>Rossetti, Dante Gabriel.</i> Poems.	821.8	R73r
<i>Rossetti, Dante Gabriel.</i> Life by Benson.		R736
<i>Rossetti, Gabriele Pasquale Guiseppe.</i> Gabriele Rossetti; a versified autobiography.		R732
<i>Rossetti, William Michael, ed.</i> Præraphaelite diaries and letters.		R733
<i>Rousseau, Jean Jacques.</i> Letters of an Italian nun and an English gentleman.	843	R76
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<i>Rover</i>	050	qR76
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<i>Bowland, Walter.</i> Among the great masters at the drama.	B792	R79
<i>Bowton, Frederic.</i> The debater.	808	R79
<i>Rückert, Friedrich.</i> Wisdom of the Brahmin; a didactic poem.	831	R82
<i>Ruskin, John.</i> Letters to a college friend during the years 1840-1845.		R89l2
—— Letters to Charles Eliot Norton.		R89n
—— Letters to M. G. and H. G.		R89
<i>Ruskin, John.</i> Ruskin relics, by Collingwood.		R89c2
<i>Russell, George William Erskine.</i> Matthew Arnold.		Ar6r
<i>Russell's magazine.</i>	050	R91
<i>Rutherford Ernest.</i> Radio-activity.	546	R93
<i>Sabatier, Auguste.</i> Outlines of a philosophy of religion.	201	Sa2o
—— Religions of authority and the religion of the spirit.	201	Sa2
<i>Sabin, Henry.</i> Common sense didactics.	371	Sal
<i>Sabin, Henry & Sabin, E. H.</i> Early American history for young Americans.	973.2	Sal
<i>Sabin, Elbridge H. jr. author.</i> See Sabin, Henry.		
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- Wallace, Alfred Russell. Man's place in the universe. 523 W15
- Wallace, Dillon. Lure of the Labrador wild. 917.19 W15

Wallace, William. Life of Arthur Schopenhauer.	Sch65w
Waller, Edmond. Poems.	821.4 W15
Wain, Robert, jr. Hermit in Philadelphia.	814.2 W16
Walpole, Horace, 4th earl of Orford. Letters.	W165t
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Ward, Durbin. Life, speeches and orations.	815.4 W21
Ward, Edward. anon. Compleat & humorous account of all the remarkable clubs and societies in the cities of London and Westminster.	367 W21
Ward, Mrs Elizabeth Stewart (Phelps) Madonna of the tubs.	813 4 W21m
—— Poetic studies.	811 4 W21p
—— Silent partner.	813 4 W21sl
—— Singular life.	813 4 W21s
—— Songs of the silent world.	811 4 W21s
—— Struggle for immortality.	218 W21
—— Successors of Mary the first.	813 4 W21su
—— Supply at St. Agathas.	813 4 W21sup
—— Within the gates.	812.4 W21w
Ward, George Washington. History of the second Pennsylvania veteran heavy artillery.	973.74 P38w
Ward H. Snowden & Ward, O. W. B. Real Dickens land.	qD'5w2
Ward, Lester Frank. Pure sociology.	301 W21
Ward, Mrs Mary Augusta (Arnold) Lady Rose's daughter.	823 8 W21l
—— History of David Grieve.	823.8 W21d
—— Marriage of William Ashe.	823.8 W21m2
Ward, Wilfred Philip. Aubrey de Vere.	D49w
Ware, Francis Morgan. First hand bits of stable lore.	636.1 W22
Waring, Anna Laetitia. Hymns and meditations.	245 W23
Warne Frank Julian. Slav invasion and the mine workers.	325.73 W24
Warner, Charles Dudley. American newspapers.	071 W24
Warner, Charles Dudley. Life by Feilds.	W24f
Washington, Booker Taliaferro. Working with the hands.	371 W27
Washington, George. Life by Paulding.	W27p
Watanna, Onoto, pseud. See Babcock Mrs Winnifred (Eaton)	
Waters, Mrs Clara (Erskine) Clement. Women in the fine arts.	B750 W312w
Watson, John. Our neighbors, by Ian Maclaren.	824.8 W33
Watson, Thomas Edward. Life and times of Thomas Jefferson.	J354w2
Watts, Henry Edward. Christian recovery of Spain.	946 W34
Waugh, Arthur Alfred. Lord Tennyson.	T23w
Weale, B L Putnam. Manchu and Muscovite.	915.1 W37
Webb, Beatrice (Potter) jt. author. See Webb, Sidney.	

Webb, Sidney & Webb Beatrice (Potter) History of liquor licensing in England.	178.4	W38
Webster, Daniel. Writings and speeches.	308	W39w
Webster, Daniel. Life by Smucker.		W39sm
——— Obituary addresses by U. S. Congress		W39u
Weekly Christian teacher.	205	qW41
Weekly inspector.	050	W415
Wegelin, Oscar. Early American poetry.	016.811	W42
Weiss, John. Life and correspondence of Theodore Parker.		P225w
Weizsäcker, Karl Heinrich von. Apostolic age of the Christian church.	270.1	W43
Welch, Desahler. Stephen Grover Cleveland.		C59w2
Welles, Charles Stuart. The Ellwoods.	828.8	W45e
Wellington, Arthur Wellesley, 1st duke of. Life by Roberts.		W46r
Wells, Carolyn. Folly for the wise.	817	W46f
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Wendell, Barrett. Temper of the seventeenth century in English literature.	820	W48
Wesley, John. Life by Moore.		W515m
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Western monthly. See Lakeside monthly.		
Westminster review.	050	W52z
Wetterstrand, Otto Georg. Hypnotism.	134	W53
Wharton, Mrs Edith Newbold (Jones) Italian backgrounds.	914.5	W55
——— Valley of decision.	813.4	W55v
Wheeler, Everett P. Real bi-metallism.	832.42	W56
Whewell, William. History of scientific ideas.	509	W57
Whewell, William. Life by Douglas.		W57d
Whibley, Charles, jr. author. See Henley, W. E.		
Whistler, James Abbott McNeill. Gentle art of making enemies.		W578g
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Whitaker's almanac.	305	W61
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White, Mary. How to make pottery.	738	W58
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——— Conjuror's house.	813.4	W582c
——— The forest.	796	W582f
——— Magic forest.	813.4	W582m
——— The mountains.	796	W582m
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— Hymns of the ages.	245 W59h
Whittier, John Greenleaf. Life by Fields.	W615f
Who's who.	B W62
Who's who in America.	B W62a
Wiel, Aletha Venice.	945 3 W63
Wiggia, M s Kate Douglas (Smith) Affair at the inn.	813 4 W63a
— Penelope's Irish experiences.	813 4 W63p2
— Rebecca of Sunnybrook farm.	813 4 W63r
Willcox Delos Franklin. American city.	352 W61a
Wilkins, Mary Eleanor. Givers.	813 4 W65g
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Maturin L. Fisher

MATURIN L. FISHER.

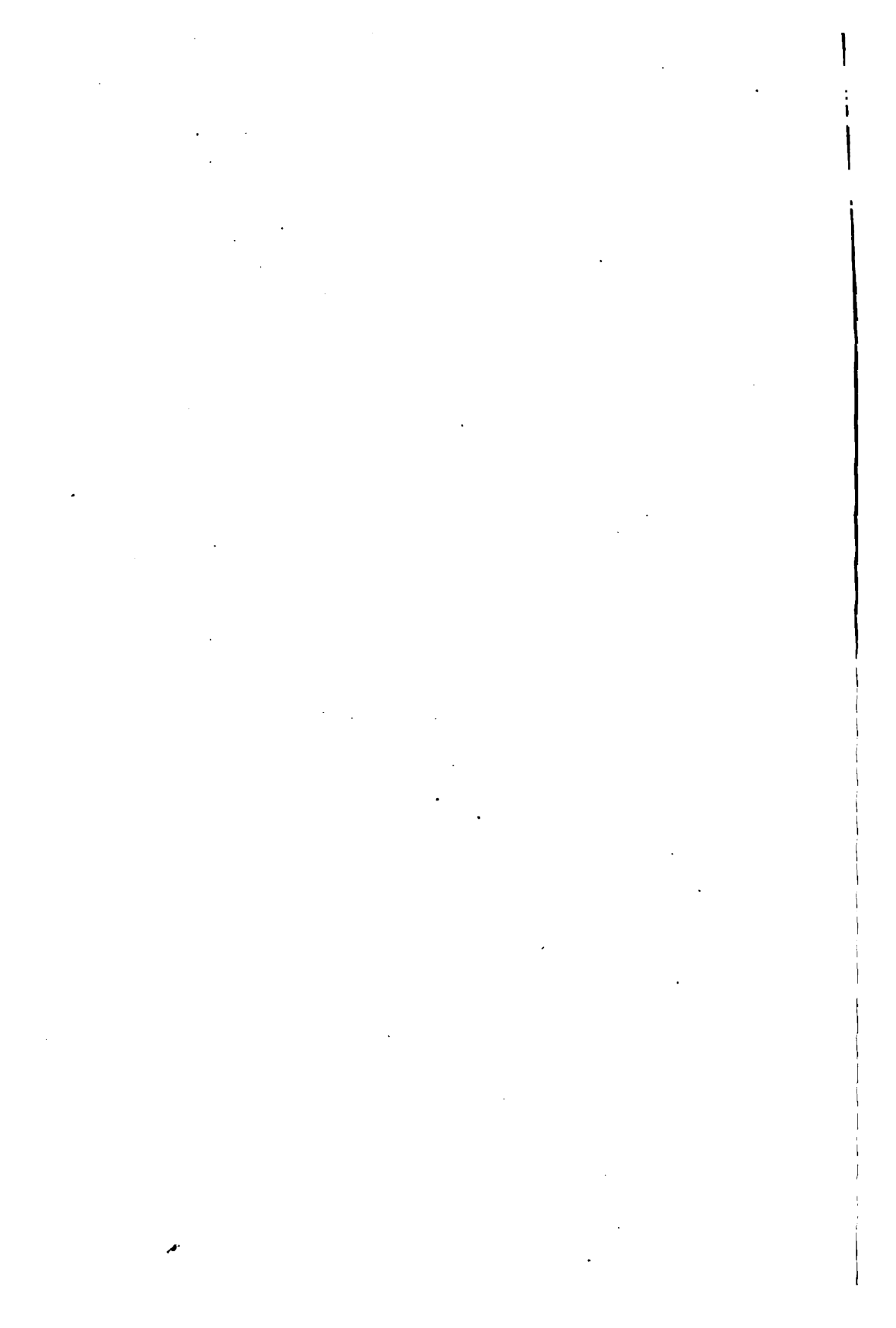
Illustrious educator and statesman; born at Danbury, Vt., June 10, 1807; died February 5, 1879, on his farm in Clayton county, Iowa; Superintendent of Public Instruction, 1857-58, and Commissioner for the erection of the Capitol, 1872-1879.



*Sincerely yours,
Geo. C. Remey.*

REAR-ADMIRAL GEORGE C. REMEY.

Born, Burlington, Iowa, August 10, 1841; appointed cadet at Annapolis, 1855; graduated, 1859; served with distinction in the U. S. Navy until August 10, 1903, when he reached the age of retirement. He now resides in Washington, D. C.

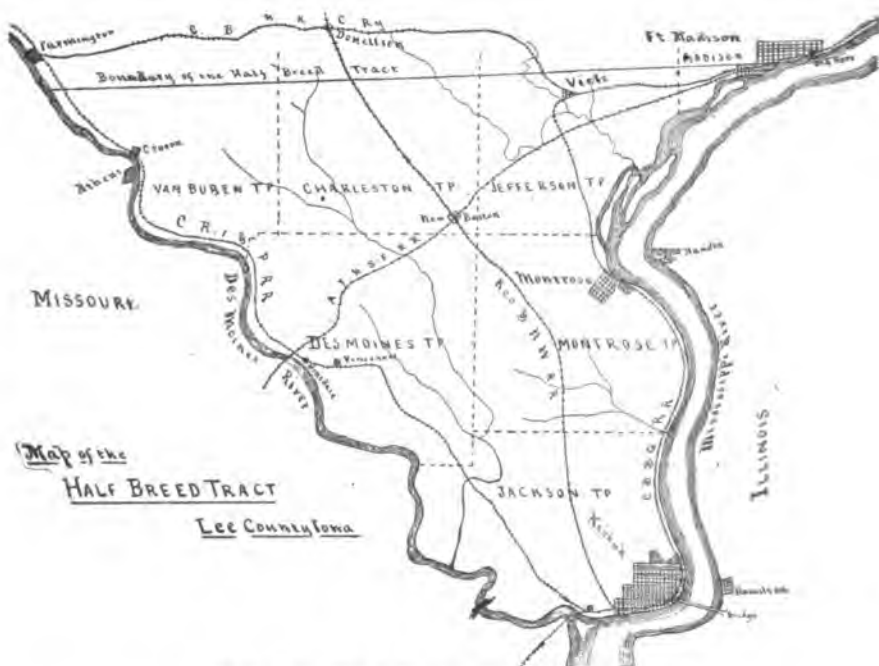




E. W. Eastman

ENOCH W. EASTMAN.

Born, April 15, 1810, in Deerfield, N. H.; died January 9, 1885, at Eldora, Iowa. State Senator and Lieutenant-Governor; author of the sentiment "Iowa, her affections like the rivers of her borders, flow to an inseparable Union."



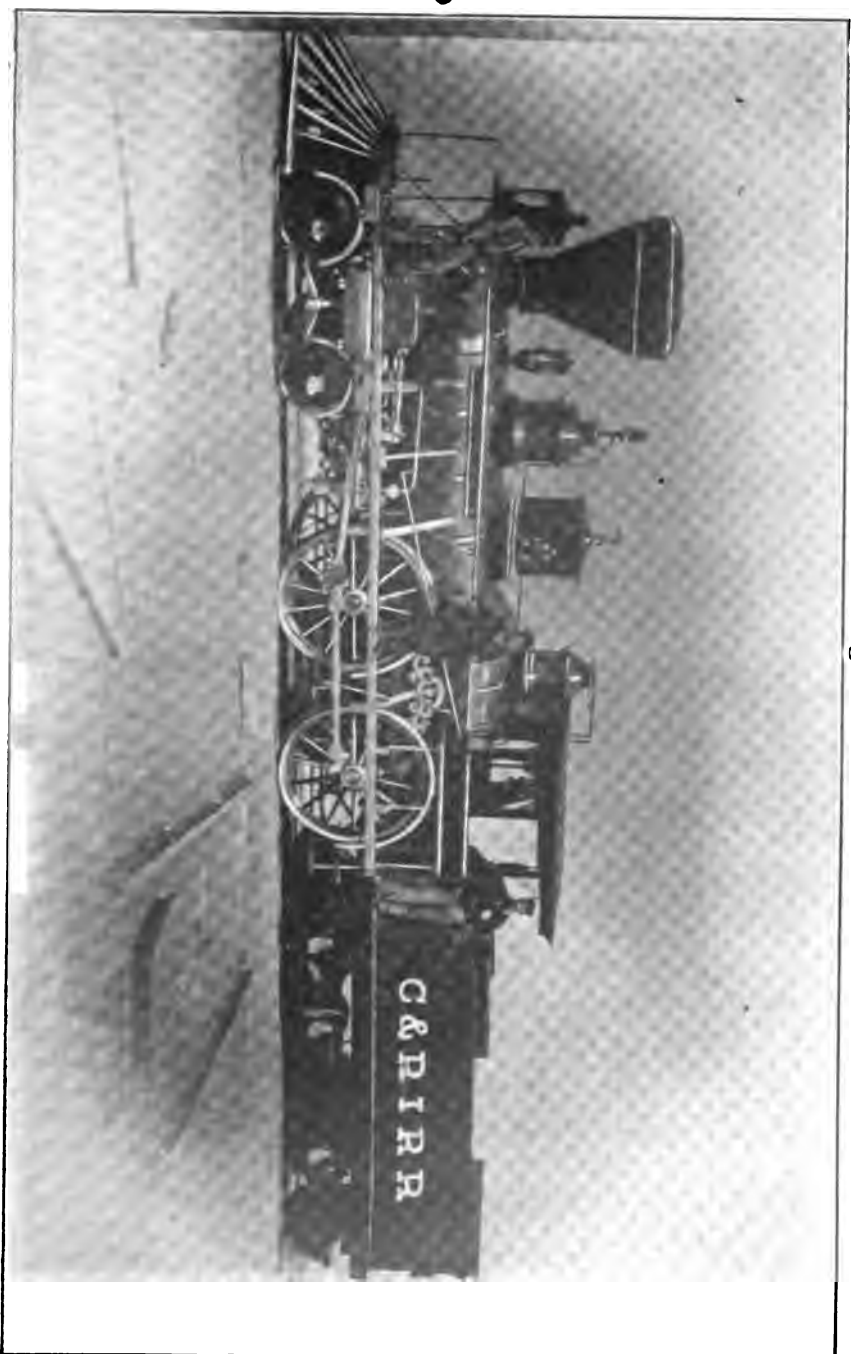
MAP OF THE HALF-BREED TRACT.

Engraved from a sketch drawn by C. S. Byrkit, Deputy Secretary of
 State of Iowa.



OLD CHURCH TREE.

This ancient elm, still in vigorous growth, stands on the bank of the Des Moines river, on the farm of Mr. George C. Duffield, near Keosauqua, Van Buren county, Iowa. The first religious services west of the Des Moines river in Iowa Territory were held under this tree in August, 1837.



"THE ANTOINE LE CLAIRE."
The first locomotive to cross the Mississippi river and enter the State of Iowa. This event occurred in 1865.
It was brought across the Mississippi river on a flatboat

SEVENTH BIENNIAL REPORT

OF THE

Historical Department of Iowa

MADE TO THE TRUSTEES

OF THE

State Library and Historical Department

OCTOBER 31, 1905

BY CHARLES ALDRICH, CURATOR

PRINTED BY ORDER OF THE GENERAL ASSEMBLY.

DES MOINES:
B. MURPHY, STATE PRINTER.
1906.

LETTER OF TRANSMITTAL

STATE HISTORICAL DEPARTMENT,
DES MOINES, IOWA, October 31, 1905.

To the Honorable Board of Trustees:

GENTLEMEN,—Pursuant to the requirements of the Code (1897) I have the honor herewith to transmit the Seventh Bien-nial Report of the Historical Department of Iowa.

Very respectfully yours,

Charles Aldrich

Curator.

HISTORICAL DEPARTMENT OF IOWA

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CHARLES ALDRICH, *Curator.*
MISS MARY R. WHITCOMB, *Assistant Curator.*
MISS ALICE M. STEELE, *Clerk and Stenographer.*
T. VAN HYNING, *Museum Assistant.*

INTRODUCTION

Since the last (6th) Biennial Report from the Historical Department its work has proceeded without essential change as it was begun on the first day of July, 1892. Every effort has been put forth to increase the collections within the limits of our resources. Valuable purchases have been made and some finds of more than ordinary interest and value have come to light and been secured. Mention of these will be made under appropriate headings.

THE NEWSPAPER COLLECTION

While the collection of newspapers is not so extensive as in some of our sister states of the Middle West, it is growing at a very satisfactory rate. The value and usefulness of this collection has long since been demonstrated both to the press and the people of Iowa. Of papers published in this State we are now receiving twenty-four dailies, 260 weeklies and twelve semi-weeklies. Our most important addition is a complete file of *The Keokuk Gate City*. This leading journal of southeastern Iowa was started at Keosauqua, Van Buren county, in 1845, when it was called *The Des Moines Valley Whig*. Later on the establishment was removed to Keokuk, where the name was changed to *The Gate City*. Published as it was in these important towns, which occupied advanced positions in pioneer days, when both were the homes of men who afterwards rose to eminence in the State or nation, the files of *The Gate City* become a great repository of historical information. Keosauqua and Keokuk sent out men to high positions in the judiciary, the army (during the civil war), and to places of usefulness and honor in the government of the State. These considerations give great value to this recent addition to our resources. During the long period of its publication it was first edited by Hon. J. B. Howell, who was elected United States Senator in 1870, and afterwards appointed to a high judicial position. He was succeeded by Hon. Sam. M. Clark, who served the district two terms as a member of the national house of representatives. Both were able writers and industrious editors. The State is indebted to the late Hon. C. F. Davis, of Keokuk, for the conscientious preservation of this unbroken file of one of its ablest representative journals.

There is no section of my work in which I take more pride than in this growing collection of Iowa newspapers. That it will be highly valuable and most useful in coming years is a proposition in which there is no element of doubt. Especially valuable are the almost unbroken files of *The Keokuk Gate City*, *The Dubuque Herald*, *The Ottumwa Courier*, *The Charles City Intelligencer*, *Algona Upper Des Moines*, *The Boone Standard*, and *The Boone Democrat*. I have taken especial pains not only to extend this collection, until it includes many of the foremost journals in the United States, but to keep the files complete. And speaking of Iowa journals and their editors, I wish to place on record a word of most sincere appreciation and thanks for the constant and generous support they have given me in this work from its origin until the present time.

THE LIBRARY

The list of accessions in the library is herewith presented. Constant demands have been made upon the Department for works in local history and genealogy and as far as our funds have permitted the library has been strengthened in this direction. The demand has risen from the desire of our people to trace their genealogy as far back as possible, especially to the revolutionary war and their immigrant ancestors. I deem it of the first importance that local and county histories published in the eastern and middle as well as the western states, shall have a place in the Historical Library. They are an indispensable part of every collection in genealogy. People who come to our library to look up their genealogy almost invariably inquire for books of local history pertaining to their old homes. There has been no relaxation of effort to increase our collections in general and western history and the history of the Indians throughout North America. Especial attention is given to the acquisition of works of statistics relating to the State and the United States.

AUTOGRAPH LETTERS, MANUSCRIPTS AND PORTRAITS

The Aldrich Collection, from which the Historical Department has grown to its present proportions, now nearly fills seven large cases built upon the model adopted at the beginning. Many of the larger original manuscripts have been put into beautiful bindings, with illustrative portraits. Among the most noteworthy of those recently bound may be mentioned: A Re-

port of 19 pages by General William T. Sherman; An Address of 10 pages by Governor Kirkwood; An address of 28 pages by Rev. Dr. William Salter; and the Requisitions of Governor John Letcher of Virginia, on Governor Kirkwood—1860—for the person of Barclay Coppoc, one of John Brown's men. In addition to the above, several manuscripts and many hundreds of letters await examination and final disposition.

THE ANNALS OF IOWA AND OTHER PUBLICATIONS

The publication of the 3d series of this quarterly magazine of history and biography has now entered upon its seventh volume. Its articles have for the most part been prepared by old Iowans, especially for its pages, recording the observations or experiences of those who witnessed or participated in the events described. The biographical sketches were in like manner written from personal knowledge of the subjects. We have thus acquired upwards of 4,000 pages of original materials for history, the value and authenticity of which I believe to be beyond question. We have also been fortunate in securing many portraits, some of which are engraved on steel in the best style of the art, all of which are highly worthy of preservation. This publication goes without charge to all Iowa public libraries, and is sent as an exchange to newspapers and historical periodicals which come to this Department. The Annals thus brings to the historical library the amplest compensation for its cost, aside from what its pages contain. The 1st and 2d series, now out of print, were published in Iowa City, by the State Historical Society and in like manner contain much that is highly valuable. There is a growing demand for their republication, which I have no doubt will be done sooner or later.

During the past year the Department has published a third edition of "John Brown Among the Quakers and Other Sketches," by Hon. Irving B. Richman, late Consul General to Switzerland. This historical work is now well known throughout Iowa, as it has been freely supplied to our school, college and public libraries.

The Department has in press a book of Reminiscences, from the pen of the late Rev. John Todd, a distinguished pioneer clergyman of southwestern Iowa, in war times and earlier. He was also one of the founders of Tabor College. The work will be beautifully printed and will prove both interesting and valuable.

THE MUSEUM

This part of our work has grown far beyond our ability to place the collections on exhibition, and much valuable material remains in storage. We have received valuable contributions from Hon. E. H. Conger, Ambassador to China and Mexico, and from the Smithsonian Institution and the Bureau of Ethnology. From the War and Navy Departments and elsewhere we have acquired a large quantity of war materials, from small arms to a 13-inch mortar. The collection of rifles, muskets and revolvers is especially large and varied, coming down from the old blunderbuss and match and flint locks to the latest inventions of the present day. We have also made large additions to our Indian bead work, prehistoric stone implements, skins of birds and animals—some of which were already mounted—geological specimens, minerals, medals, autograph letters and papers, etc.

Mr. Van Hyning's interesting collection of shells remains as a loan, on exhibition in his own cases on the third floor. In this field of natural history he is an acknowledged expert. He is now making a collection of Iowa mollusks for this Department, in which work he has made good progress. It is proper to state that he has discovered four species new to science, in the basin at the junction of the Des Moines and Raccoon rivers. These shells have been placed in the hands of Henry A. Pilsbry, a learned conchologist, now of Philadelphia—but who was born and educated in Iowa—who will give them proper scientific classification.

Mr. Van Hyning has also explored several very ancient and hitherto unknown Indian graves, some three or four miles southeast of the Capitol, finding a collection of shell beads, copper jewelry, remnants of clothing, a copper knife, and several much decayed skeletons.

The attention of the Department has been called to two most remarkable Iowa mounds, which, under the authority of the Board of Trustees, will be fully explored during the present autumn or early in the spring.

While our Museum is in its infancy and but a small affair, as these institutions are rated, it has attracted the notice of thousands of our people who have shown the most kindly appreciation of what has been accomplished. I am quite certain that it has created throughout the State a sentiment highly favorable to the work which has been going forward in the finished portion

of the Historical Building. The Museum gives the people who visit it in such great numbers, a compensation for the taxes they pay for its support. Aside from the interest attaching to its multifarious objects as mere matters of curiosity, many of them possess much interest from their historic associations. With the increase of space, judging the future by the past, I am certain that the growth of the Museum will be rapid and most satisfactory to the people of our great and growing State.

THE HISTORICAL BUILDING

A contract for the completion of this structure—known in the law approved April 2, 1904, as “the Historical, Memorial and Art Building”—was entered into by Henry M. Schleuter, of Chicago, Ill., and the State of Iowa (by the Executive Council), on the 27th day of July following. Soon after that date the contractor began his work, which, with some interruptions on account of the inclemency of the weather and unavoidable delays in procuring materials, has continued to this time. The work seems to have been well done. The materials, as the law stipulated, were from this State, so far as they could be procured, “quality and price being considered.” The central portion and the east wing were the parts included in this contract.

The work (Oct. 31, 1905) is progressing steadily and should be completed during the coming session of the State legislature.

The stone work is completed on the north side and practically so on the south side, excepting the heavy columns at the front entrance, the material for which has been delivered in Des Moines. This will complete the stone work, except the pediments and the dome, the material for which has been received.

The steel work is also finished, excepting the parts entering into the construction of the pediments and the dome. The same is true of the fire-proofing, there being needed only the completion of the pediments and dome to finish this part of the contract.

The roof should be completed over the east wing during the next two weeks and then the plastering of this portion will be begun.

The cost of finishing the building, including the heating and plumbing, according to designs and estimates of the architect, is \$150,000.00.

HALL OF ARCHIVES

In *The Annals of Iowa* and elsewhere the writer has for some years advocated the establishment of a bureau or department

for the preservation of papers and documents which originate in the various executive offices in the capitol, but for the adequate care of which our statutes contain no provision. Our State officers have in recent years made the best possible use of the meager facilities at their command; but the small rooms adjoining the executive offices which were provided when the capitol was built, are not only ill-contrived for this important purpose, but long since were filled to overflowing. No one who will step into these mere "cubby-holes" will need any argument to convince him of their inadequacy. For business purposes the documents which occupy the shelves and pigeon-holes have for the most part become "dead papers," but as the data for State history they possess a value which is inestimable. These, so far as they go, are by far the most valuable sources of our State history, for the facts which they contain are based upon, or are themselves, the records of official transactions. We may therefore place the fullest confidence upon what they set forth. How very important then their careful and conscientious preservation! Instead of the waste of these precious materials, they should have been from the organization of Iowa territory, until the present time the objects of unceasing watchfulness and solicitude. Now that the State Historical Building is nearing completion, it is most earnestly to be hoped that the legislature will take the subject into consideration and pass a law which will initiate this needed reform.

The State of Kansas at the recent session of the legislature created a department of archives. It went even further than the preservation of such "books, records, documents, original papers, or manuscripts, newspaper files and printed books," as accrue about the State House, but wisely provided for extending the same provision to the counties. It applies to these materials "three years after the current use of the same, or sooner in the discretion of the head of the department." It is difficult to imagine how opposition could arise to such a necessary and just law.

Efforts in this direction have made good progress in the states of New York, Pennsylvania, New Hampshire, Vermont, West Virginia, Mississippi, Alabama, Wisconsin and Kansas. In fact, deep and widespread interest in this subject has been developed to a greater or less extent throughout the country. A movement has also been initiated at the national capitol for the better care of public records.

Several years ago I discovered that little or none of the correspondence of our three territorial governors had been preserved in the capitol. Application to their surviving relatives was fruitless of any result. That they wrote letters like other officials could not be doubted—and it was unlikely that all had been lost or destroyed. Each during his term was ex-officio superintendent of Indian affairs for Iowa territory and must have written many letters to the Indian bureau at Washington. Upon visiting that office I found that my surmise was correct. I learned also that it would take an act of Congress to enable us to obtain the originals. Upon stating the case to Senator Gear he at once introduced a bill giving them to the Historical Department of Iowa, the Indian office retaining typewritten copies. He died, however, soon after, and our bill fell to the ground. The matter was next taken up by Senator Dolliver, through whose efforts—in which he had the aid of the Iowa delegation—the bill became a law, and was approved by the President. In due time we obtained these precious letters (about 100), which were placed in the hands of an expert to be cleaned, mended and handsomely bound. No two volumes of original manuscripts attracted more attention from Iowa people at the St. Louis exposition. They are the more valuable because of the scarcity of like memorabilia in our State, and because the old governors wrote their official papers, letters and documents by their own hands, without the aid of clerks, stenographers or typewriting machines. It seems evident also that they kept no copies of their letters in those days. Many years later the State began in a small way to save the constantly accumulating “dead papers.” It is to expand and systematize this work that the legislature is now urged to pass a comprehensive law under which it can be done.

There is a vast amount of material about the State House which should be carefully preserved, aside from the copies of original documents and papers to which reference has been made. While engaged in writing these lines my attention has been called to the original reports of the census made in 1850, 1856, 1860, 1885, 1895 and 1905. Some of the reports unfortunately were not preserved, but simply wasted or carelessly destroyed. It is estimated that those still in existence will make from 400 to 500 octavo and folio volumes—an addition of great

value to our growing collections in biography and genealogy, aside from the light they throw upon the history and marvelous growth of the State.

THE RECORDS OF IOWA SOLDIERS

During the past three or four years the subject of republishing the records of Iowa soldiers, from the voluminous data in the Adjutant-General's office, has been freely discussed in this State, but nothing practical has yet resulted. While this work properly belongs to the office of the Adjutant-General, the writer desires to give the proposition the heartiest endorsement. Scarcely a day passes in which such a revised edition of the reports of Adjutant-General N. B. Baker is not needed in the Historical Department. This is not only a final measure of justice to the memories of the men who stood behind the guns in 1861-65, but a matter of the greatest public convenience. This work should be undertaken under the editorship of the finest military scholar in the State, and no pains spared to insure completeness and accuracy. The states of Vermont, New Hampshire and New York, have published volumes which are models in their way. All of the states north as well as south, will sooner or later provide for the republication of these records. In this good work Iowa should be a leader—not a follower at the end of the procession.

The Rosters should include not only our soldiers and sailors from 1861 to '65, but those who served in the Mexican war, in the Spirit Lake expedition of 1857, and the Spanish and Philippine wars. It is inconceivable that such a just and comprehensive measure can meet with any serious opposition.

MURAL TABLETS

Largely through suggestions by the Historical Department, two beautiful bronze tablets, each possessing much historic interest, have been unveiled during the past two years. The first commemorated the births and deaths of five revolutionary soldiers who were buried in our State. After it was placed upon the wall of the Historical Building—April 19, 1904—it transpired that there were two or three other soldiers of the revolution buried in Iowa, whose names had been omitted. Perhaps other names similarly omitted may come to light hereafter. The work was carried out by the Sons of the American Revolution, who spared no effort to discover every one of these patriot graves,

but they had been forgotten in the lapse of years and only came to light, as it were, by accident. It is likely that another tablet may be erected to include all omissions.

The other Tablet was erected in the Iowa College for the Blind—May 29, 1904—to the memory of its founder, Capt. Thomas Drummond, who “foremost fighting fell” at the battle of Five Forks, Va. The funds for this last were collected by Mr. A. N. Harbert, of Cedar Rapids, Iowa. It was presented by Hon. Cato Sells, and accepted by Governor A. B. Cummins. Both tablets were planned and manufactured by Messrs. Tiffany, of New York City. They form an excellent commencement of monumental work of this character.

THE ACCUMULATING WORK

The fact which impresses itself most emphatically upon a worker in the Historical Department is, that the field of labor is so constantly widening. The State is not only making history every day in the year, but books, files of papers, documents, letters and other materials are constantly coming to light and demanding attention and care. Then, reports reach us of private collections which have come down from past decades, which would richly repay examination, but which a short delay may see consigned to the flames. There is a demand for more money and more workers. The State is constantly losing precious things by delays and neglect, the loss of which can never be repaired.

APPROPRIATION NEEDED

I wish most earnestly to repeat my recommendation of two years ago that there be added as a working fund for the Historical Department the sum of \$10,000 per year above the present allowance of \$5,000. This to be used in defraying the cost of printing, binding, historic paintings, museum materials, in the acquisition of historical data and for incidental expenses for the benefit of the Historical Department, subject to the approval of the Board of Trustees.

AN ACKNOWLEDGMENT

The Historical Department which for many years was destitute of funds, and which has always been administered upon an economical basis, has secured its most valuable acquisitions by solicitation. The generous responses to these appeals, which may often have seemed importunate, have placed upon me a

load of obligations which I despair of ever being able to repay. I did think that I would here set down the names of many of the noble men and women, the living and the dead, without whose cordial support my best efforts would have been wholly vain, but the list would be so large that the idea has been abandoned. I can only say that the kindness with which my efforts have been met fills my heart with gratitude. I wish it were in my power to reward the abiding friends of the Historical Department of Iowa more substantially.

Respectfully submitted,

CHARLES ALDRICH,

Curator.

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Greenfield Democrat, July 1893-February 1901.

ADAMS COUNTY

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Adams County Union-Republican, 1893-1903.

ALLAMAKEE COUNTY

Allamakee Journal, April 1893-1902.
Waukon Democrat, 1901-1902.
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Waukon Standard, February 1884-1896; 1888-90; 1892-1902.

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Centerville Citizen (w), 1883-1889; April 1893-1898; (d) 1895-1904.
Centerville Journal, October 1893-1903.

AUDUBON COUNTY

Audubon County Journal, June 1893-1903.
Audubon Republican, 1894-1903.
Audubon Times, 1881; April 1883-1884; January-March 1886.

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Belle Plaine Every-Other-Daily Union, July 1897-1902.
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Vinton Eagle, 1855-February 1856; 1893-1904.

BLACK HAWK COUNTY

Cedar Falls Gazette, October 1893-1904.
La Porte Progress[Review], 1897-1904.
Waterloo Courier, 1899-1904.
Waterloo Reporter, July 1871-1904.

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Boone Republican, 1883-88; 1890-1903.
Boone Standard, 1867-87; 1893-1902.
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Bremer County Independent, 1893-1903.
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Buchanan County Guardian, August 1858-February 1863.
Independence Bulletin-Journal, 1883-1903.
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Alta Advertiser, 1886; 1893-1903.
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Clear Lake Mirror, June 1893-1902.
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Cherokee Times, 1886-88; 1890-1902.

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Nashua Post, 1894-1903.
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New Hampton Tribune, June 1893-1903.

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Osceola Clipper, 1898.
Osceola Democrat, 1896-1902.
Osceola Sentinel, 1893-1902.

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Clay County News, 1884-85; 1894-1902.
Spencer Herald, 1893-1903.
Spencer Reporter, March 1883-1902.

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Clayton County Herald, Feb.-Dec. 1853; Feb. 1854-Feb. 1855; March 1856-April 1857.
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McGregor News, 1893-1904.
Mississippi Valley Register, May 1859-May 1861.
Monona Leader, 1900-1902.
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DeWitt Observer, 1864-1890.
Lyons Mirror, 1892-1902.
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Denison Bulletin, March 1894-1903.
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 Decatur County Journal, May 1883–1893; April 1894–1903.
 Garden Grove Express, May 1894–1902.
 Lamoni Independent-Patriot, 1895–1902.
 Leon Reporter, 1894–1904.

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Delaware County News, September 1897–1902.
 Hopkinton Leader, March 1894–1900.
 Manchester Democrat, 1894–1903.
 Manchester Press, 1890; 1893–1902.

DES MOINES COUNTY

Burlington Gazette, 1875–89; 1893–1904.
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 June 1861; 1862; October 1891.
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Dubuque Union, August-December 1861.

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Estherville Democrat, 1895-1902.

Estherville Enterprise, 1902-1903.

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Fremont Democrat, 1893-1903.

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Stuart Locomotive, 1883-October 1884; 1894-1900.

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Hamilton Freeman, 1857-62; 1866; December 1877-June 1879.
Hamilton County Journal, May 1894-1903.
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Jewell Record, 1895-97.
Stanhope Saturday Mail, May 1894-1902.
Webster City Freeman, 1881-1903.
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Hancock County Democrat, 1887-1902.
Hancock Signal, March 1894-1903.

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Howard County Times, 1883-1903.

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True Democrat, 1866-1869.

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 Keokuk Gate City (d), May 9, 1855-1904.
 Keokuk Gate City (w), August 1892-1900.
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 Keokuk Register, May 26, 1847-March 15, 1849.
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 Fruitman, 1898-1904.
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Iowa Messenger, September-November 1860.
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Fonda Times, 1883-89; 1891-1902.
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SIOUX COUNTY

Hawarden Independent, 1895-1902.

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STORY COUNTY

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Butler—

Allison—Tribune.

Shell Rock—News.

Calhoun—

Lake City—Graphic.

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Carroll—

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Cass—

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Cedar—

Tipton—Advertiser.

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Cerro Gordo—

Clear Lake—Mirror.

Mason City—Globe-Gazette; Republican.

Cherokee—

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Larrabee—Review.

Chickasaw—

Nashua—Post.

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Clarke—

Osceola—Democrat; Sentinel.

Clay—

Spencer—Herald; News; Reporter.

Clayton—

Elkader—Argus; Register.

Guttenburg—Journal.

McGregor—News; North Iowa Times.

Monona—Leader.

Strawberry Point—Mail Press.

Clinton—

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Crawford—

Denison—Bulletin; Review.

Dallas—

Adel—News.

Perry—Advertiser; Chief-Reporter.

Davis—

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Dickinson—

Milford—Mail.

Spirit Lake—Beacon.

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Emmet—

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Hampton—Globe; Recorder.

Fremont—

Hamburg—Reporter.

Sidney—Sun.

Greene—

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Jefferson—Bee.

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Guthrie—

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Hamilton—

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Britt—News.

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Hardin—

Eldora—Herald.

Iowa Falls—Sentinel.

Harrison—

Logan—Nucleus.

Missouri Valley—News; Times.

Woodbine—Twiner.

Henry—

Mount Pleasant—Journal.

Howard—

Cresco—Plain Dealer; Times.

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- Jackson—**
Bellevue—Leader.
Maquoketa—Record; Sentinel.
Sabula—Gazette.
- Jasper—**
Baxter—New Era.
Newton—Herald; Journal.
- Jefferson—**
Fairfield—Journal; Ledger.
- Johnson—**
Iowa Citizen (s-w); Press (d); Republican.
- Jones—**
Anamosa—Eureka.
Monticello—Express.
Wyoming—Journal.
- Keokuk—**
Sigourney—News.
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- Kossuth—**
Algona—Courier; Upper Des Moines-Republican.
- Lee—**
Fort Madison—Evening Democrat (d).
Keokuk—Constitution-Democrat (d); Gate City (d).
- Linn—**
Cedar Rapids—Gazette (d); Republican (d).
Lisbon—Herald.
Marion—Register (s-w).
Walker—News.
- Louisa—**
Columbus Junction—Gazette; Safeguard.
Wapello—Republican.
- Lucas—**
Chariton—Herald; Leader; Patriot.
- Lyon—**
Rock Rapids—Reporter; Review.
- Madison—**
Winterset—Madisonian; Reporter.
- Mahaska—**
Oskaloosa—Herald; Saturday Globe; Weekly Saturday Herald.
- Marion—**
Knoxville—Express; Journal.
Pella—Chronicle.
- Marshall—**
Marshalltown—Reflector; Times-Republican (d).
State Center—Enterprise.
- Mills—**
Glenwood—Opinion; Tribune.

Mitchell—

Osage—News; Press.

Monona—

Mapleton—Press.

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Monroe—

Albia—News; Republican; Union.

Montgomery—

Red Oak—Express; Sun.

Muscatine—

Muscatine—Journal (d); News-Tribune (d).

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O'Brien—

Sanborn—Pioneer.

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Osceola—

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Plymouth—

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Pottawattamie—

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Poweshiek—

Brooklyn—Chronicle.

Grinnell—Herald.

Montezuma—Republican.

Ringgold—

Mount Ayr—Journal; News (s-w); Record.

Sac—

Odebolt—Chronicle.

Sac City—Sun.

Scott—

Davenport—Democrat (d); Der Demokrat; Iowa Catholic Messenger.

Shelby—

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Sioux—

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Story—

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Tama—

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Wayne—

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Webster—

Badger—Tribune.

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Woodbury—

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Worth—

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Wright—

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Nebraska—

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New York—

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Vermont—

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- Bureau of animal industry. Annual report, 1902.
- Civil service commission. Annual report, 1902-03, 1903-04.
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- 27th congress, 3d session. Executive documents. no. 3, 1842-43.
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- Ethnology, Bureau of. Annual reports, 20th-22d.
- Geological survey. Bulletin, no. 90, 144, 158.
- Geologic atlas. Folio, 91-93, 100, 102, 104-7, 109.
- Interior, Sec'y of. Official register of the United States. 1903, 2v.
- Interstate commerce commission. Annual report, 17th-18th.
- Statistics of railways, annual report, 15th-16th.
- Labor commissioner. Annual report, 18th. Second special report.
- Library of congress. Annual report of librarian, 1902-03, 1903-04.
- Biblioteca Filipina por. T. H. Pardo de Tavera.
- Check list of large scale maps published by foreign governments. Comp. under the direction of Philip Lee Phillips.
- Kohl collection of maps relating to America by Justin Windsor, with index by Phillip Lee Phillips.

- — List of books on banks and banking.
- — List of books on immigration.
- — List of books pertaining to the Far East.
- — List of books (with reference to periodicals) on the Philippine islands.
- — List of books relating to proportional representation.
- — List of books relating to railroads in relation to the government and the public with appendix list of references on the Northern Securities case.
- — List of references on the British tariff movement.
- — List of references on the budget of foreign countries.
- — List of references on the popular election of senators with appendix debates on the election of senators in the federal convention of 1787.
- — List of references on recognition in international law and practice.
- — List of the Vernon-Wager manuscripts in the library of congress.
- — List of the works relating to the Germans in the United States.
- — Papers of James Monroe listed in chronological order from the original manuscripts in the library of congress.
- — Selected references on Chinese immigration.
- — Select list of references on impeachment.
- Navy, Dept. of. List of commissioned and warrant officers of the navy of the U. S., 1900, 1901, 1902, 1904.
- — Official records of the union and confederate navies in the war of the rebellion. ser. 1. v. 16-19.
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- War, Dept. of. Medals of honor issued by the war dept.
- — Official army register.
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- United States service magazine. v. 1-4.
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- Van Deventer, Cyrus Clarke. The ancestors and descendants of the Rev. Henry Clarke and his wife Catherine Pendleton of Madison co. N. Y.
- Van Meter, Benjamin F. Genealogies and sketches of some of the old families who have taken a prominent part in the development of Virginia and Kentucky especially.
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- Vermont antiquarian. v. 1-3.
- Vermont historical society. *Proceedings*, 1903-1904.
- Vermont, state of. *Roll of the soldiers in the revolutionary war, 1775-1783.*
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- Viets, Francis Hubbard. *Genealogy of the Viets family with biographical sketches*, Dr. John Viets of Simsbury, Conn., 1710 and his descendants.
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— *Early physicians of Vineland*, N. J.
- Virginia magazine of history and biography. v. 10-12.
- Virginia society of colonial dames. *Parish register of Christ church, Middlesex county, Va., 1653-1812.*
— *Parish register of St. Peter's New Kent county, Va. from 1680-1787.*
- Visitation of England and Wales, ed. by Joseph Jackson Howard and Frederic Arthur Crisp. v. 1-11.
- Wagenseller, George W., *comp.* *Tombstone inscriptions of Snyder county, Pennsylvania.*
- Wait, John Cassan. *Family records of the descendants of Thomas Wait of Portsmouth, R. I.*
- Waltham, Mass. *Vital records of Waltham, Mass., to the year 1850.* Pub. by the New England historic genealogical society at the charge of the Eddy town-record fund.
- Wapello county, Iowa. *Financial report*, 1903.
- War between the United States and Mexico, illustrated by Carl Nebel, with a description of each battle by George Wilkins Kendall.
- Ware, Emma Forbes, *comp.* *Ware genealogy*; Robert Ware, of Dedham, Mass., 1642-1689, and his lineal descendants.
- Washington, George. Jenkins, Charles Francis. *Washington in Germantown.*
- Washington, Mass. *Vital records of Washington, Mass., to the year 1850.*
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- Washington historian. v. 1-2.
- Washington—State librarian. *Biennial report*, 8th.
- Watson, Elkanah. *Men and times of the revolution, or memoirs of Elkanah Watson.*
- Webb, Richard D. *Life and letters of Capt. John Brown, who was executed at Charlestown, Va., Dec. 2, 1859, with notices of some of his confederates.*
- Webber, C. W. *Historical and revolutionary incidents of the early settlers of the U. S., with biographical sketches of the lives of Allen, Boone, etc.*
- Wells, Harriette Hyde. *Several ancestral lines of Moses Hyde and his wife, Sarah Dana, with a full genealogical history of their descendants to the end of the 19th century.*
- West Virginia historical magazine quarterly. v. 3-4.

- Westcott, Thompson. Names of persons who took the oath of allegiance to the state of Pa., between the years 1777 and 1789, with history of the "Test Laws" of Pa.
- Weymouth (Mass.) historical society. v. 1-2.
- Whaley, Samuel. English record of the Whaley family and its branches in America.
- Wheeler, Olin D. The trail of Lewis & Clark, 1804-1904. 2v.
- White, Almira Larkin. Genealogy of the descendants of John White, 1638-1905. v. 3.
- White, Charles A. Memoir of Ferdinand Vandever Hayden, 1839-1887.
- White, Emma Siggins. Genealogy of John Walker of Wigton, Scotland, with records of a few allied families, 1600-1902.
- White, John Bartlett. Genealogical record of the family of White.
- White, Samuel. History of the American troops during the late war.
- Whitehead, John. Memorial sketch of the life of Compatriot William McKinley member of the society of the sons of the Am. revolution.
- Who's who. 1904, 1905.
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- Wick, B. L. Lands of liberty.
- Wicks, Stephen. History of the Oranges of Essex county, N. J. from 1666-1806.
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- Wight, Charles Henry. Genealogy of the Clafin family, a record of Robert Mackclothlan, of Wenham, Mass. and his descendants, 1661-1898.
- William and Mary college quarterly historical magazine. v. 11-12.
- Williams, Stephen W. Genealogy and history of the family of Williams in America, more particularly of the descendants of Robert Williams of Roxbury.
- Williams, Walter, *ed.* The state of Missouri.
- Wilson, James Harrison. Life and services of William Farrar Smith.
- Wilson, Thomas. Anthropology at the Paris exposition.
- Circular relating to prehistoric anthropology.
 - Criminal anthropology.
 - Golden patera of Rennes.
 - Paleolithic period of the stone age.
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 - Primitive industry.
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- Wisconsin, University of. Bulletin economics and political science ser. v. I, no. 1-2.
- Engineering ser. v. 2, no. 9-10, v. 3, no. 1.
- History ser. v. 1, no. 2.
- Philology and literature ser. v. 2, no. 3. v. 3, no. 1-2.
- Science ser. v. 2, v. 3, no. 2-3.
- Winneshiek county, Iowa. Financial statement and official directory, 1904.
- Wood, J. G. The uncivilized races of men. 2 v.
- Wood, Silas. Sketch of the town of Huntington, L. I. to the end of the revolution, ed. by William S. Pelletreau.
- Woodbury county, Iowa. Financial report, 1903.
- Woodward, Theron Royal. Dodge genealogy, descendants of Tristram Dodge.
- Worth county, Iowa. Financial report, 1904.
- Worthington, Erastus. History of Dedham, from the beginning of its settlement in Sept. 1635 to May 1827.
- Wrong, George M. and H. H. Langton, *ed.* Review of historical publications relating to Canada. v. 8-9.
- Wurtele, Fred C., *ed.* Historical documents relating to the blockade of Quebec by the American revolutionists 1775-1776.
- Wyoming constitutional convention. Journal and debates.
- Wyoming historical and genealogical society. Proceedings and collections. v. 8.
- Yarrow, H. C. Check list of North American reptilia and batrachia in the U. S. national museum.
- Yonge, Samuel H. The site of old "James Towne" 1607-1698.
- Young eagle. v. 24-29.
- Zoological society of London. List of the vertebrated animals now or lately living in the gardens of the Zoological society of London. 9th ed.

SUMMARY.

Bound volumes of newspapers.....	3,881
Newspapers and periodicals currently received.....	419
Books and pamphlets acquired to date.....	14,182

THE HISTORICAL DEPARTMENT OF IOWA
AT ST. LOUIS.

Suggestions came from many quarters that the Historical Department should make an exhibit at St. Louis. A concurrent resolution was passed by the legislature which authorized the Executive Council "to prepare for shipment to St. Louis such articles as they may decide to be suitable for an exhibit from the historical department of Iowa." Upon investigating the matter it was found that only a limited space could be secured for this purpose. The items enumerated below were therefore selected and forwarded by express under the immediate charge of Mr. Charles A. Cumming, a well-known artist of Des Moines. Quarters for the exhibit had been secured in a fire-proof building in the care of W J McGee, the distinguished chief of the department of anthropology. Mr. Cumming superintended the hanging of the portraits and the arrangement of the books, manuscripts and maps. The exhibit attracted much attention and was safely guarded by Prof. McGee and the Iowa Commission, to all of whom much credit is due. The "Jury of History," made the following awards, which were confirmed by the "Superior Jury":

To the State of Iowa, a grand prize for its exhibit of historical objects—a medal and diploma.

To Charles Aldrich, Curator of the Department, a collaborator's gold medal and diploma.

Also to the same a bronze medal and diploma for the exhibit of a ceremonial grooved axe.

To Charles A. Cumming, a collaborator's silver medal and diploma, awarded to him for his services "with the Iowa State Historical Exhibit."

The following is a list of the articles sent to the St. Louis Exposition by the Historical Department of Iowa:

OIL PORTRAITS.

Governors of Iowa Territory. Robert Lucas, John Chambers, James Clarke.

Governors of the State of Iowa. Ansel Briggs, Stephen Hempstead, James W. Grimes, Ralph P. Lowe, Samuel J. Kirkwood, William M. Stone, Samuel Merrill, Cyrus C. Carpenter, Francis M. Drake, as Brig. Gen.

Other Portraits. William B. Allison, Gen. G. M. Dodge, James Harlan, Samuel F. Miller, Charles Aldrich.

PUBLICATIONS OF THE HISTORICAL DEPARTMENT

Annals of Iowa, 3d series, 5 volumes, bound in three-quarters red levant, 1893-1903.

Six Biennial Reports of the Historical Department of Iowa, bound in one volume, 1893-1903.

Iowa Territorial Laws, 1838-39, 1839-40, 2 volumes, republished.

Richman, Irving B. "John Brown Among the Quakers and Other Sketches."

First Census of the Original Counties of Dubuque and Des Moines, 1836, 2 pamphlets.

Shambaugh, Benjamin F. "History of the Constitutions of Iowa," 1902.

Legislative Journals, extra session, 1840, now first published.

IOWA BOOKS AND MANUSCRIPTS

Journal of the Convention for the Formation of a Constitution for the State of Iowa, 1844.

Journal of the Convention for the Formation of a Constitution for the State of Iowa, 1846.

Journal of the Constitutional Convention of the State of Iowa, 1857.

Larrabee, Governor William. Original manuscript, first inaugural address, 1886.

Tuttle, James M. Correspondence of, during the civil war.

Letters of the Territorial Governors of Iowa, 2 volumes. The official copies.

Street, Gen. Joseph Montfort, illustrious friend of the Indians, correspondence of, 1806-1834.

Carpenter, Governor Cyrus C. Address at the unveiling of the Spirit Lake Tablet at Webster City, also sketch of Maj. William Williams. The original manuscripts.

Clarke, William Penn, Reporter of the Supreme Court of Iowa, correspondence of, 3 volumes, 1844-1866.

MISCELLANEOUS MANUSCRIPTS

Crabbe, Rev. George, English poet, Manuscript Sermon.

White, Rev. Gilbert, author of "Natural History of Selbourne." Manuscript Sermon.

Forman, Maj. Samuel S. Original manuscript, "Narrative of a Journey Down the Ohio and Mississippi in 1798-90." By Lyman C. Draper of Wisconsin.

Aldrich, Thomas Bailey. Original manuscript, "Two Bites at a Cherry."

Audubon, John James. Original manuscript, "Habits of the Wild Turkey."

Cleveland, Grover. Original manuscript (17 pages). Speech before the New York Charities Aid Association, 1891.

EARLY MAPS AND MAPS INCLUDING IOWA

Extrait d'un globe terrestre le Pere Le Grand de Dijon 1720 (said to be earliest map including what is now Iowa.)

Facsimile of an autograph map of the Mississippi or Conception river drawn by Father Marquette at the time of his voyage.

Map of part of Wisconsin territory, compiled from Tanner's map, 1836.

Map of Wisconsin territory. Published by Henry J. Abel, 1838.

Sectional map of the Black Hawk Purchase, with a part of Illinois and Wisconsin, by L. Judson, 1838.

Map of Iowa published by J. H. Colton, 1839.

Hydrographical basin of the Upper Mississippi river from surveys and information by J. N. Nicollet, 1836-40. Reduced and compiled in 1843.

Galland's map of Iowa. Compiled from the latest authorities, by Dr. I. Galland, 1840.

Map of the surveyed part of Iowa Territory, exhibiting the location of Iowa City, the seat of government as established by the Commissioners, 4th of May, 1839. Published by John Plumbe.

Map of the western part of the U. S., shows Fort Des Moines, in Iowa.

New Map of Iowa accompanied with notes by W. Barrows, Cincinnati, 1845.

Map of Iowa by L. Matzinger, 1850.

AN IOWA STONE AXE

This axe was found near Columbus Junction, Louisa county, Iowa. Its weight is 31¼ pounds.

No effort was spared by the Executive Council of Iowa in providing for the selection and safe shipment to and from St. Louis, of the articles above enumerated. Every item was returned in as good condition as when it left the Historical Building.

COLLECTIONS AT THE ST. LOUIS EXPOSITION, 1904.

In response to a request the Commission in charge of the erection and care of the Iowa Building, directed that a copy of all the literature issued under their authority, together with such newspapers, books, documents, pamphlets, reports, circulars, etc., etc., as came into their hands in the execution of their duties, should be carefully preserved and transmitted to the Historical Department of Iowa at the close of the Exposition. This direction was fully carried out by Mr. F. R. Conaway, their Secretary, who accompanied the shipment with the following letter, which includes lists and summaries of its various items:

IOWA COMMISSION, LOUISIANA PURCHASE EXPOSITION, ST. LOUIS, 1904.

OFFICE OF THE IOWA COMMISSION,
F. R. CONAWAY, Secretary.

DES MOINES, IOWA, June 13, 1905.

HON. CHARLES ALDRICH, Curator, Historical Department, Des Moines:

My dear Mr. Aldrich,—Among the treasures I am directed by the Iowa Commission to deposit in your Department are six volumes of press clippings from Iowa and St. Louis newspapers concerning the Louisiana Purchase and the Exposition held at St. Louis in commemoration of the great historical event.

These clippings are arranged alphabetically by towns, except the first volume, which contains the clippings from the Des Moines and St. Louis papers and special topics. The interest herein shown by the Iowa newspapers in giving their readers the historical information and in exploiting the exposition is commendable. No other State did so much. Aside from the St. Louis papers, the Iowa papers did more than Missouri. The volumes filed with you is the evidence. These books contain 300 pages to each volume, making 1,800 pages in all. There are six 20-inch columns of long and short clippings to a page, making 10,800 columns or 216,000 inches. Several miles of space was devoted by the Iowa newspapers to this enterprise.

The daily papers give the greatest number of pages, although a number of weekly papers devoted as much space to the subject as some of the dailies, notably the following:

Brighton News, 4	Bussey Press, 7
Bloomfield Republican, 10	Estherville Vindicator-Republican, 7
Forest City Summit, 5	Grand Junction Headlight, 9
Guthrie Center Guthrian, 5	Humboldt Independent, 8
Marion Pilot, 7	Oelwein Register, 5
Vinton Eagle, 8	

Among the daily papers with the number of pages are the following:

Fort Dodge Messenger, 13	Fort Dodge Chronicle, 11
Iowa City Republican, 6	Keokuk Constitution-Democrat, 8
Keokuk Gate City, 6	Marshalltown Times-Republican, 14
Mason City Globe-Gazette, 7	Muscatine Journal, 6
Ottumwa Courier, 13	Oskaloosa Herald, 15
Times-Journal, 6	Sioux City Journal, 8
Sioux City Tribune, 7	Burlington Gazette, 17
Burlington Hawk-Eye, 12	Boone Republican, 6
Boone News, 12	Boone Democrat, 5
Council Bluffs Nonpareil, 14	Cedar Rapids Gazette, 7
Cedar Rapids Republican, 11	Creston American, 9
Creston Advertiser, 15	Clinton Herald, 7
Centerville Citizen, 9	Centerville Iowegian, 7
Davenport Democrat, 18	Davenport Leader, 9
Davenport Republican, 14	Davenport Times, 8
Dubuque Globe-Journal, 10	Dubuque Telegraph-Herald, 8
Waterloo Courier, 6	Waterloo Reporter, 5
Webster City Journal, 16	Webster City Graphic Herald, 6
Des Moines Capital, 30	Des Moines Register and Leader, 75
Des Moines News, 23.	

A number of newspaper men who have examined the records of their own papers in these volumes in the past few weeks have mailed me copies of their papers containing articles on this subject and these have been pasted. Others can be added in the same way.

At the request of Hon. W. W. Witmer, Chairman of the Press and Publicity Department, the Commissioners have also directed me to deposit with you the newspaper exhibit, the only exhibit of the kind compiled for the exposition. This is in six volumes and contains one copy of each paper in the State, sent to the Commission for this purpose. In the years to come the value of this exhibit will be apparent.

Other things the Commissioners have directed me to deposit in your Department are the following:

Newspaper clippings, six volumes, containing clippings from the Iowa newspapers and the St. Louis papers concerning the Exposition. The six volumes contain 1,800 pages, or 216,000 inches of printed matter.

Visitors' Register, Iowa Building—5 volumes, containing the autographs of 67,798 Iowa visitors to the Exposition.

- Monthly Bulletin L. P. E. July, 1901–December, 1904, 2 volumes.
 Booklet issued, 160 copies, 20 copies in leather.
 Jamestown Exposition.
 Newspaper exhibit, 6 volumes, containing copies of Iowa newspapers.
 Progressive Men, 2 volumes.
 Register of Visitors at Agricultural Booth, 3 volumes.
 Daily Programs—2 volumes, containing programs of each day's events at the Fair, a complete history of the Fair itself, compiled under the direction of the Secretary of the Iowa Commission.
 Official Catalogue of Exhibits, by Official Catalogue Company.
 Rules and Regulations of the L. P. E., pamphlets, 3 copies.
 World's Fair Manual and Description of Grounds and Buildings.
 World's Fair Guide Book.
 Military Camps and Special Days and Events L. P. E., pamphlet.
 Gould's Directory of St. Louis, 1904
 Interstate Directory, R. L. Polk of Sioux City, 1904.
 Colored map of grounds, 6 copies.
 Exposition folders, 2 copies.
 Pike Album.
 Anthropology, Queen's Jubilee Presents, by W J McGee. Catalogue of Jubilee Presents.
 Agriculture, Official Catalogue, by Frederic W. Taylor.
 Art, Official Catalogue, 1st edition, by Halsey C. Ives.
 Arkansas, Timber resources of Arkansas, pamphlet (2) series 4 & 9 issued by Land Department of St. L., Iron Mountain and Southern and Little Rock and Ft. Smith Rys.
 Brazil, Brazil at the L. P. E., pamphlet by Brazilian Commission. Catalogue Do Amazonas Exhibits, pamphlet.
 Costa Rica, Report, Manuel Gonsales, Executive Commissioner.
 Canada, History, Production and natural resources, by Geo. Johnson, D. C. L. F. S. S. and Sidney Fisher, Minister of Agriculture, Canada.
 Food products of Canada, pamphlet by W. W. Moore.
 Fruit Culture.
 Forest wealth, pamphlet (2) by Robt. Hamilton, Supt. of Canada Fruit Exhibit.
 Forest Wealth of Canada, pamphlet by Canadian Commission.
 Economic Minerals of Canada, pamphlet by Geological Survey Corps.
 China, Catalogue of Chinese Exhibits at L. P. E., pamphlet by Chinese Commission.
 Department of Electricity, Official Catalogue by W. E. Goldsborough. Circular No. 1, exhibits in department.
 Department of Education and Social Economy.
 Official Catalogue by Howard J. Rogers.
 Forestry, Fish and Game. Official Catalogue by Tarleton H. Bean. Circular No. 1, Department Forestry. May, 1902.
 U. S. Commission of Fish and Fisheries, pamphlet (3). Exhibits by W. de C. Ravenal, U. S. Gov't Board.
 Germany. Atlas, Statistics of Laboring Men, Ins. Co.
 Statistics on Loan Companies.

- Hotels, Lists of hotels and rooming houses.
- Indian Territory, Bradley's manual of Statistical Information, by C. M. Bradley.
- Kinloch Telephone Directory.
- Liberal Arts, Official Catalogue, by John A. Ockerson.
- Division of Exhibits, Cir. No. 7, by J. A. Ockerson.
- Live Stock, Prize List (2) by F. D. Colburn.
- Official Catalogue by Charles F. Mills, Chief.
- Louisiana, Condition, Progress and Education, pamphlet by Prof. Brown Ayres of Tulane University.
- In the levees in Louisiana, pamphlet, by Col. Arsene Perilleat, member Board of Engineers.
- Mines and Metallurgy, Official Catalogue by J. A. Holmes.
- Manufactures, Official Catalogue, by Milan H. Hulburt.
- Minnesota, History of Resources and Opportunities, pamphlet, by Minnesota Commission.
- Maryland, Farmers, Manufacturers and Capitalists, 4 pamphlets, by State Bureau of Immigration.
- The Seventh Star—Facts and Figures about the State of Maryland by L. H. Dielman.
- Beacon Lights of Baltimore, pamphlet by C. H. Forest, Secretary.
- Montana, Resources and attractions, pamphlet by John B. Read.
- Mexico, Official Catalogue of Mexican exhibits issued by the Mexican Commission.
- Music, Rules and Regulations of Bureau of Music, pamphlet by Geo. W. Stewart.
- Choral Societies by Geo. W. Stewart.
- Machinery, Official Catalogue, pamphlet by Thomas M. Moore.
- New Jersey, Tenth Annual Report Commissioner of Public Roads, 1903, pamphlet, by H. I. Budd, Commissioner.
- Olympic Games and Contests, Program, by Department of Physical Culture.
- Oregon, Lewis and Clark Centennial Exposition, pamphlet by Henry E. Reed, Secretary and Director of Exposition.
- Oklahoma, Map of Oklahoma and Indian Territory, pamphlet.
- Philippine Islands, Official Catalogue of Exhibit of Philippine Government.
- Department of Interior.
- Report of Customs Service by W. Morgan Shuster, Collector.
- Report of Auditor for the Islands, pamphlet.
- Pictorial pamphlet.
- Educational work.
- Philippine exposition.
- Official Handbook, Pt. I.
- Rosenstock's Business Directory of Manilla, June and July, 1903.
- Gutta Percha and Rubber of Philippine Islands, by Penoyer L. Sherman, Ph.D.
- Volcanoes and seismic centers, pamphlet by Department of Commerce and Labor.

- Climate, pamphlet.
- Population, pamphlet.
- Preliminary work in Manila by Gov. Taft, pamphlet.
- Porta Rica, Census of 1899 by war department.
- Portugal, History of Army and Monuments, pamphlet.
- History of Military School, pamphlet.
- Colonies Portugaises, pamphlet.
- Missions et explorations Portugaises, pamphlet.
- Electricity applied to medicine, etc., pamphlets.
- Colonies Portugaises D'Afrique, pamphlet.
- Naval School of Lisbon, pamphlet.
- Rhode Island, Industries Catalogue, pamphlet by Providence Chamber of Commerce.
- Rhode Island Building, pamphlet, by Commission.
- Rules and Regulations, specific, by Division of works, pamphlet.
- Delivery, handling, roadways and traffic, two pamphlets.
- Gas in exposition grounds, two pamphlets.
- Plumbing, two pamphlets.
- Fire protection by high pressure, two pamphlets.
- Water supply, two pamphlets.
- Grounds, treatment, two pamphlets.
- Garbage, disposal, two pamphlets.
- Steam supply, two pamphlets.
- Sewer connections, two pamphlets.
- Erection buildings and structure, two pamphlets.
- Compressed air, one pamphlet.
- Electricity, one pamphlet.
- St. Louis. St. Louis the Convention City, pamphlet by Business Men's League of St. Louis.
- Transportation, Official Catalogue, by Willard A. Smith.
- West Virginia, Handbook of West Virginia, pamphlet by Virgil H. Lewis.

MISCELLANEOUS PAMPHLETS

- Addresses and proceedings National Educational Association, Madison, Wis. in 1884.
- Biennial Report of Superintendent of Public Instruction of Iowa, 1883-85.
- Great Anthracite Coal Mine by Anthracite Company, Scranton, Pa.
- Westinghouse Industries, by Westinghouse Electric and Manufacturing Co., Pittsburg.
- Directory Officers of the U. S. Army, St. Louis, Mo.
- Catalogue Iowa Federation Women's Clubs, 1902-03.
- Catalogue Forest Park University, St. Louis.
- Catalogue Washington University.
- Annual Statement of Trade and Commerce, St. Louis, 1903, by Geo. H. Morgan, Sec.
- Catalogue, Lange and Berstrom, St. Louis, Mo.
- Corliss Engines, Murray Iron Works, Burlington.

REPORTS OF FORMER COMMISSIONS

- Rept. Oregon World's Fair Commission, 1895 (Columbian) 2.
- Rept. of Hon. Ethan W. Allen, Acting U. S. Commissioner World's

Industrial and Cotton Centennial, 1886.

Rept. Illinois Commission, Trans-Mississippi Com. 1898.

Rept. Illinois Commission Columbian Com. 1893.

Rept. Kansas Commission, Columbian Commission, 1893.

The Books and Music by Iowa authors and composers collected by the Women's Auxiliary Committee of the Iowa Commission, with an invoice of the same, have already been forwarded to you for preservation.

Trusting these things will be found of value to the Department, I am,

Yours very truly,

F. R. CONAWAY,

Secretary.

The books by Iowa authors on exhibition in the Iowa State Building at St. Louis during the Louisiana Purchase Exposition, to which reference is made in Mr. Conaway's letter, were deposited in the historical library and have been shelved as a separate collection.

MAPS.

Des Moines, Iowa. Map of Des Moines, Polk county, Iowa, compiled from county records and reliable documents by Bausman & Co., Des Moines.

Iowa. Colton's township map of the State of Iowa. Pub. by J. H. Colton, New York, 1853. Presented.

Iowa. Chapman's sectional map of the State of Iowa. Pub. by Silas Chapman, Milwaukee, Wis., 1863. Charles Brother, Des Moines. Presented.

Iowa. Map of the State of Iowa. Compiled and drawn by A. L. Thornton. Pub. by Mills & Co., Des Moines. 1876.

Iowa. Mills & Co's map of the State of Iowa from government and private surveys and official records, compiled and drawn by Geo. A. McVicar, Des Moines, Iowa. 1884. Purchased.

Jackson county, Iowa. Topographical map of Jackson county, Iowa. Published by the Iowa State Atlas Publishing Co., Davenport, 1902. J. P. Gruwell, Maquoketa, Iowa. Presented.

Japan. McNally & Co.'s 1904 war map of Japan, Korea and China. Daily Gate City, Keokuk, Iowa. Presented.

Linn county, Iowa. Cedar Rapids Evening Gazette's map of Linn county, 1901. J. S. Anderson, Cedar Rapids, Iowa. Presented.

Mississippi river. Homo-Graphic chart of the settlements on the Mississippi river, by Thomas I. Porter. Engraved by Doolittle & Muson, Cincinnati, 1842. Mrs. Ellen A. Brown, Mitchellville, Iowa. Presented.

Mormon route. Pictorial map showing route traveled by the Mormon pioneers from Nauvoo to the Great Salt Lake. Salt Lake, Utah. E. R. Harlan, Keosauqua, Iowa. Presented.

Ohio. Map of the States of Ohio, Indiana and Illinois, with the settled part of Michigan. Published by S. Augustus Mitchell, Philadelphia, 1835. Elihu T. Harlan, Stockport, Iowa. Loaned.

United States. Map of the United States made in 1829, by Jane Elizabeth Marsh. Mrs. J. M. Christy, Des Moines. Loaned.

United States. Map of the United States showing known oil and gas fields. Compiled by F. H. Oliphant. Published by the U. S. Geological Survey. Dr. J. M. Shaffer, Keokuk, Iowa. Presented.

Western United States. Geological and topographical atlas accompanying report of the geological explorations of the 40th parallel—by Clarence King, U. S. Geologist in charge, 1876. Dr. J. M. Shaffer, Keokuk, Iowa. Presented.

ODD NEWSPAPERS.

The Free Inquirer, v. 5, 1833. Published by H. D. Robinson, editor and proprietor, New York.

The Olive Branch, v. 1, May 1827-May 1828. Published by the New York Universalist Book Society.

The Southern Free Press, v. 1, March-November 1830. Published at Charleston, S. C. This volume contains numbers of the *New York Amulet* and *Ladies Literary and Religious Chronicle*, v. 1, 1830; *Utica Evangelical Magazine*, v. 2, 1828; *Religious Inquirer*, Hartford, Conn., v. 8, 1829; *New Harmony (Ind.) Gazette*, v. I, 1826. E. R. Harlan, Keosauqua, Iowa. Loaned.

Acadian Recorder (Halifax, N. S.), August 13, 1904.

Daily Citizen (Vicksburg, Miss.), July 2, 1863. E. D. Selby, Des Moines. Presented.

Daily Progress (Raleigh, N. C.), April 18, 29, 1865; *Daily Standard* (Raleigh, N. C.), April 21, 1865. Capt. V. P. Twombly, Des Moines. Presented.

Davenport Democrat, Half-Century ed., October 22, 1905. J. E. Calkins. Presented.

Grand Army Advocate, v. 1, no. 1. Mrs. Anna H. Clayton, De Soto, Iowa. Presented.

Grand Forks (N. D.) Herald. Silver Anniversary edition, June 26, 1904.

Hartford (Wis.) Home League, August 11, 1860-Dec. 12, 1861 (incomplete). E. N. Lee, Webster City, Iowa. Presented.

Halifax (N. S.) Morning Chronicle, August 15, 1904.

The Imperialist, June 12, 1869. John A. McCall, Des Moines. Presented.

Milwaukee Weekly Wisconsin, February 27, 1861-August 31, 1864. E. N. Lee, Webster City, Iowa. Presented.

New York Tribune, odd numbers. Henry Stickelman, Blockton, Iowa. Presented.

Red Star News. Printed at sea on board the Red Star Line S. S. *Zeeland*. J. D. Edmundson, Des Moines. Presented.

Santa Fe (N. M.) New Mexican, July 15, 1904. Dr. C. R. Keyes, Socorro, N. M. Presented.

Sidney (Cape Breton) Record, August 23, 1904.

Vinton Eagle. Semi-centennial number, January 10, 1905.

AUTOGRAPH LETTERS, MANUSCRIPTS, PORTRAITS.

Bill of sale dated Jan. 25, 1811, for a mulatto boy, named Jack. From the private papers of the grantee, Isham Keith, one of the first Board of County Commissioners of Van Buren county, Iowa. E. R. Harlan, Keosauqua, Iowa. Presented.

Diary of Rev. Abner Kneeland, with entries from 1812 to 1820. E. R. Harlan, Keosauqua. Loaned.

Document stating that Peter Ankeny gave to the town of Somerset, Pa., more than 100 years ago, a plot of ground to be used for church and burying ground. Miss Harriet L. Ankeny, Des Moines. Loaned.

Execution for debt in Vermont, 1835. Sen. E. C. Spaulding, Marble Rock, Iowa. Presented.

Farewell Address of Col. James A. Williamson, of Des Moines to his regiment upon his promotion to the rank of Brigadier General, Jan. 13, 1865. Gen. Williamson. Presented.

Letters and memoranda relating to early Des Moines newspapers, written by Barlow Granger, of Des Moines. Dr. J. M. Shaffer, Keokuk, Iowa. Presented.

Letters written at Muscatine, Iowa, dated from 1855-1874. A. S. Van Winkle, Keota, Iowa. Loaned.

Letters and papers from the following parties: Des Moines Valley R.R., 1860; S. Dwight Eaton, 1862; George Gillaspay, 1859; Keokuk, Fort Des Moines and Minn. R. R. Co., 1858; Ralph P. Lowe, 1860; J. S. McCune, 1860; Charles Mason, 1859-62; Dr. J. M. Shaffer, Keokuk, Iowa. Presented.

List of all the votes cast by the electors of the State of Iowa in the year 1900, for President and Vice President of the United States. Sent by Judge Smith McPherson to Governor Cummins and by him deposited in the Historical Department.

List of all the votes of the electoral college of the State of Iowa for Theodore Roosevelt for President and for C. W. Fairbanks for Vice President, Jan. 9, 1905. Deposited in the Historical Department by Judge Smith McPherson.

Muster rolls of Companies C, D, E, F, and H of the 3d Iowa volunteer infantry. Mrs. Ellen A. Brown, Mitchellville, Iowa. Presented.

Prayer of the Free Enquirers. Printed on white satin. Mrs. George Manning, Delta, Iowa. Loaned.

Report to Gen. Grant on the progress of events in his command near Vicksburg, by Gen. Wm. T. Sherman. Gen. Sherman. Presented.

Requisitions from Governor John Letcher, of Virginia, January 10 and February 4, 1860, upon Governor Samuel J. Kirkwood, of Iowa, for the arrest of Barclay Coppock, one of John Brown's men.

Photograph of the first M. E. Conference of Iowa. Rev. L. K. Billingsley, Des Moines. Presented.

Photograph of Gideon S. Bailey, a member of the first territorial legislature of Iowa. Mrs. G. S. Bailey, Vernon, Iowa. Presented.

Photographs of H. M. Barlow and wife. Mrs. H. M. Barlow, Webster City, Iowa. Presented.

Photograph of old mill at Winterset. L. M. Bertholf, Winterset, Iowa. Presented.

Photograph of Philip M. Crapo. Mrs. P. M. Crapo, Burlington, Iowa. Presented.

Photograph of S. S. Daniels, Tipton, Iowa. Presented.

Photographs of Governors of Wisconsin prior to 1867. Family of B. F. Gue. Presented.

Iowa Senate of 1860, photograph of. Family of B. F. Gue. Presented.

Photograph of works built in Emmet county, in 1863, for protection from the Indians. Capt. W. H. Ingham, Algona, Iowa. Presented.

Engraved portrait of Gen. J. B. Gordon. Messrs. Scribner's Sons, New York City. Presented.

Invitation to the investiture of Rev. M. C. Lenehan. Charles Aldrich. Presented.

Receipted bill for membership in American Historical Association. Charles Aldrich. Presented.

Facsimile of autographs of Abraham Lincoln and others. Charles Aldrich. Presented.

Certificate of membership in the State Historical Society. Charles Aldrich. Presented.

Gray, Dr. Elisha. Autograph letter.

Soldiers' record, 24th Iowa volunteers. Family of B. F. Gue. Presented.

Photograph of an early land warrant. Christian Lock, Keokuk, Iowa. Presented.

Lincoln, Abraham. Autograph letter. M. B. Talcott, Des Moines. Loaned.

Commission and photograph of Darwin R. Merritt, U. S. Navy.

Photographs (7) of the scene of Indian battle in Van Buren county, near Keosauqua. E. R. Harlan, Keosauqua, Iowa. Presented.

Dielman, Frederick. Autograph letter.

Wakefield, George W. Autograph letter.

Crawford, P. W. Autograph letter.

Adams, Rev. Ephraim. Autograph letter and portrait.

Reed, Thomas Brackett. Autograph letter.

Irving, Sir Henry. Photograph.

Trevelyan, Sir George O. Original manuscript pages from the "History of the American Revolution."

Gordon, Gen. J. B. Photograph and manuscript.

Trevelyan, Charles. Autograph letter and portrait.

Brazill, Father John. Autograph letter.

Kinsman, William H. Photograph and military record of; also photograph of monument erected to memory of. Presented by Gen. G. M. Dodge.

Commission of David Bell as First Lieutenant, signed by Jefferson Davis and Franklin Pierce. Cyrus A. Mosier, Des Moines. Presented.

Granger, Barlow. Autograph letter. Cyrus A. Mosier, Des Moines. Presented.

Daguerreotype of George Willson. George Willson, Lexington, Mo. Lensed.

Photograph of Hon. John Russell and family.

A valuable collection of letters, manuscripts, and books, aggregating over 550 items, has been donated to the Department by Dr. J. M. Shaffer of Keokuk, Iowa. This material has not yet been catalogued and does not appear in the list of accessions.

OIL PORTRAITS.

The following is a full list of the oil portraits owned by the State of Iowa at the date of this report:

Adams, Austin, Judge of the Supreme Court.
Aldrich, Charles, Founder and Curator of the Historical Department.
Aldrich, Mrs. Charles.
Allison, William B., United States Senator.
Ankeny, Mrs. Harriet Giese, Pioneer settler.
Beck, Joseph M., Judge of the Supreme Court.
Belknap, William W., Brig. and Brevet Maj. Gen., and Secretary of War.
Black Hawk, Indian Chief.
Boies, Horace, Governor.
Briggs, Ansel, Governor.
Bussey, Cyrus, Brig. Gen., and Assistant Secretary of the Interior.
Carpenter, Cyrus C., Member of Congress and Governor.
Casady, Phineas M., Pioneer, State Senator, District Judge.
Chambers, John, Territorial Governor.
Clarke, James, Territorial Governor.
Coffin, Lorenzo S., Railroad Commissioner, Reformer, and Philanthropist.
Cole, Chester C., Judge of the Supreme Court.
Crapo, Philip M., Philanthropist, Founder of Iowa Soldiers' Home.
Dillon, John F., Judge of the Supreme Court.
Dodge, Augustus C., United States Senator.
Dodge, Grenville M., Maj. Gen. in the Civil War.
Drake, Francis M., Brevet Brig. Gen. and Governor.
Duncombe, John F., State Senator and Regent State University.
Evrson, Norman, Pioneer settler and State Senator.
Finkbine, Robert S., State Legislator, Supervising Architect of the State Capitol.
Fisher, Maturin L., Educator and Capitol Commissioner.
Grant, James, Judge of the Supreme Court.
Greene, George, Judge of the Supreme Court.
Grimes, James W., Governor and United States Senator.
Gue, Benjamin F., State Legislator and Lieutenant Governor.
Harlan, James, United States Senator.
Harper, Samuel H., Soldier and State Senator.
Hayes, Walter I., Member of Congress.
Healy, George P. A., Artist.
Hempstead, Stephen, Governor.
Henderson, David B., Member of Congress and Speaker United States House of Representatives.
Hildreth, Azro B. F., Journalist and State Legislator.

- Johnston, Edward, Pioneer settler and Member of the Constitutional Convention of 1857.
- Jones, George Wallace, Delegate in Congress, United States Senator, and Minister to Bogota.
- Junkin, William W., Pioneer Journalist.
- Kasson, John A., State Legislator, Member of Congress, Minister to Austro-Hungary and Germany.
- Keokuk (3 portraits), Indian Chief.
- Kirkwood, Samuel J. (2 portraits), Governor, United States Senator, and Secretary of the Interior.
- Lee, Henry W., First P. E. Bishop of Iowa.
- Lowe, Ralph P., Governor and Judge of the Supreme Court.
- Lucas, Robert, Territorial Governor.
- Manning, Edwin, Pioneer settler and Capitalist.
- Mason, Charles, Chief Justice of the Supreme Court of Iowa Territory.
- Matson, Sylvester G., Pioneer Physician and Legislator.
- Merrill, Samuel, State Legislator, Soldier and Governor.
- Miller, Samuel F., Judge U. S. Supreme Court.
- Newbold, Joshua G., Soldier and Lieutenant Governor.
- Parvin, Theodore S., Private Secretary to Governor Lucas and First Territorial Librarian.
- Peck, Washington F., M. D., Founder Soldiers' Orphans Home and Mercy Hospital, Davenport.
- Price, Hiram, Member of Congress.
- Reed, Joseph R., Judge of the Supreme Court.
- Remey, George C., Rear Admiral U. S. Navy.
- Robinson, Gifford S., Judge of the Supreme Court and Member Board of Control.
- Rothrock, James H., Judge of the Supreme Court.
- Russell, Peter T., Pioneer Clergyman. Loaned.
- Russell, Mrs. Peter T. Loaned.
- Salter, William, Pioneer Clergyman and Author.
- Seevers, William Henry, Judge of the Supreme Court.
- Shaw, William T., Soldier and State Legislator.
- Sherman, Buren R., Governor.
- Sherman, Hoyt, State Legislator.
- Slagle, Christian W., President State University.
- Smith, Joseph, Mormon Prophet.
- Springer, Francis, State Legislator and President Constitutional Convention of 1857.
- Springer, Frank, Lawyer and Scientist.
- Stevens, Thaddeus, Statesman.
- Stockton, Lacon D., Judge of the Supreme Court.
- Stone, William M., Soldier and Governor.
- Swalm, Mrs. Pauline, Journalist.
- Wachsmuth, Charles, Naturalist and Author.
- Wapello, Indian Chief.
- White, S. A., Pioneer Journalist.
- Williams, E. H., Judge of the Supreme Court.
- Williams, Jesse, Secretary and Auditor, Iowa Territory.

Williams, Joseph, Judge of the Supreme Court.
 Williamson, James A., Brigadier and Brevet Major General.
 Wilson, James F., State Senator and United States Senator.
 Wragg, John, Pioneer Horticulturalist.
 Wright, George G., State Legislator, Judge of the Supreme Court and United States Senator.

Of the above portraits, the State owned the following at the organization of the Historical Department of Iowa, July 1, 1892: Ansel Briggs, John Chambers, James Clarke, Augustus C. Dodge, James W. Grimes, Stephen Hempstead, Keokuk (two portraits, one has since been added), Ralph P. Lowe, Robert Lucas, Samuel Merrill, L. D. Stockton. The others have been added since that date.

CRAYON AND OTHER PORTRAITS.

Belknap, William W. Brig. and Brevet Maj. Gen. in Civil War. Bronze medallion.
 Charles, John H. Pioneer of Sioux City. Crayon.
 Clapp, E. R. Pioneer of Des Moines. Crayon.
 Clarke, William. Governor Mo. Ter. Photograph from oil painting.
 Dodge, Grenville M. Maj. Gen. in the Civil War. Photograph (equestrian).
 Dodge, Grenville M. Photograph.
 Eaton, A. K. Pioneer of Osage. Crayon.
 Gear, John H. Governor. Pastel.
 Gear, Mrs. John H. Pastel.
 Gray, John N. Judge of District Court. Crayon.
 Hamilton, Landon H. Des Moines Naturalist. Crayon.
 Hatch, Edward. General in Civil War. Bronze medallion.
 Horton, James. Lieutenant in Civil War. Crayon.
 Iowa House of Representatives, 16th G. A., 1876; 21st G. A., 1886; 23d G. A., 1890; 24th G. A., 1892; 26th G. A., 1896; 27th G. A., 1898; 28th G. A., 1900; 29th G. A., 1902.
 Iowa National Guard, during Gov. Jackson's administration.
 Iowa Senate, 11th G. A., 1866; 15th G. A., 1874; 16th G. A., 1876; 17th G. A., 1878; 18th G. A., 1880; 21st G. A., 1886; 24th G. A., 1892; 25th G. A., 1894; 26th G. A., 1896; 27th G. A., 1898; 28th G. A., 1900; 29th G. A., 1902.
 Jackson, Frank D. Governor. Photograph.
 Jones, George Wallace. U. S. Senator. Photograph.
 Loras, Matthias. Bishop R. C. Church. Crayon.
 McPherrin, Anderson. Crayon.
 Melendy, Peter. Pioneer settler of Cedar Falls. Photograph.
 Powers, J. K. State Senator. Photograph.
 Rorer, Judge David. Photograph.
 Sabin, Henry. Educator. Photograph.
 Saylor, John B. Pioneer settler of Polk county. Crayon.
 Selman, John J. Member of Constitutional Convention of 1857.
 Shaw, Leslie M. Governor. Photograph.
 State Normal School, 1st Corps of Teachers, 1876. Photograph.

Stratton, Franklin A. Col. and Brevet Brig. Gen. in Civil War. Crayon.
Street, Joseph M. Indian Agent. Crayon.
Wever, Clark R. Brevet Brig. Gen. in Civil War. Photograph.
Williams, Maj. William. Crayon.
Wilson, James F. U. S. Senator. Photograph.
Winslow, Edward F. Brig. Gen. in Civil War. Bronze medallion.
Wittenmeyer, Mrs. Annie. Army nurse. Crayon.
Wright, Ed. Soldier and Legislator. Photograph.
Young, Mrs. Sarah. Army nurse. Crayon.

ADDITIONS TO MUSEUM—MISCELLANEOUS.

Birds. 31 skins of tropical birds from the Philippines, 20 species being represented in the lot. Also a large moth from the Philippines. K. W. Boberg, Des Moines. Presented.

Black Squirrel, Snowy Owl, Turkey Vulture and Black Vulture C. K. Worthen, Warsaw, Ill. Purchased.

Blue Bird. N. J. Nelson, Ellsworth, Iowa. Presented.

Cuban Parrot. Iowa Seed Company, Des Moines. Presented.

Eel. Fine specimen of Lamprey Eel. E. R. Harlan, Keosauqua, Iowa. Presented.

Fish. Pike, Bass and Cat Fish, living specimens. William Tietelbaum, Des Moines. Presented.

Fish. 7 living creek Chubs. Joe Dippert, Des Moines. Presented.

Fish. 3 Brook Trout, 3 Rainbow Trout, 3 Lake Trout, 3 Lake Geneva Trout, 6 Land-locked Trout, 6 Quinnet Salmon, 6 Steelhead Trout, 3 Rock Bass; U. S. Bureau of Fisheries, Manchester Station. R. S. Johnson, Manchester, Iowa. Presented.

Horned Toad. D. Raybourn, Woodward, Iowa. Presented.

Medicine Leach. T. Van Hyning, Des Moines. Presented.

Millipede and Beetle. Olin Carpenter, Booneville, Iowa. Presented.

Mouse. Living specimen of Albino Mouse. Wray Bertholf, Winterset, Iowa. Presented.

Parrot skin. Cleo Froman, Des Moines. Presented.

Sloth and Lemur. Two fine specimens. W. T. Hornaday, Director New York Zoological Park. Presented.

Snake. Living specimen of bull snake. Wray Bertholf, Winterset, Iowa. Presented.

Snakes. 2 specimens of Regal Ringnecked Snake. Clio C. Van Hyning, Des Moines. Presented.

Snake. George Hupp, Des Moines. Presented.

Squirrel. An Albino Fox Squirrel. G. W. Van Hyning, Sawyer, Iowa. Presented.

Swan. L. W. Griswold, Cooper, Iowa. Presented.

Tiger Salamander. William Kelsey, Des Moines. Presented.

Toads and Frogs. 20 living specimens. A. J. Anderson, Sioux City, Iowa. Presented.

Turtle. Leather Turtle. G. A. Larson, Des Moines. Presented.

Turtle. Living specimen. Harry Hartuppee, Des Moines. Presented.

Walrus and Great Anteater. Frank Wood, Des Moines. Loaned.

Water-dog (Salamander). Harold Culforth, Des Moines. Purchased.

Western Grebe. F. A. White, Des Moines. Presented.

Woodpecker. Johnson Brigham, Des Moines. Presented.

Fossils. 89 specimens of fossil coral, pentremites, crinoids, etc. T. Van Hynning, Des Moines. Presented.

Fossil coral. F. L. Hodges, Des Moines. Presented.

Fossil wood. H. Hector, Des Moines. Presented.

Fossil wood. H. Manbeck, Des Moines. Presented.

Fossil. Plaster cast. A. A. Cole, Nevada, Iowa. Presented.

Fossils. 3 fine specimens of fossil coal plants. G. A. Larson, Des Moines. Presented.

Buffalo skull. R. H. Childress, Denison, Iowa. Presented.

Mammoth tusk. A section found near Union Park. William Chatterton. Presented.

Mammoth tusk. An entire specimen taken from the frozen earth in Alaska.

D. F. Schaal, Sheldahl, Iowa. Loaned.

Mad stone. A calcareous formation taken from the stomach of a deer.

J. E. Bennett, Newton, Iowa. Loaned. Withdrawn.

Mad stone. George Black, Norwalk, Iowa. Loaned.

Candle snuffers. F. Martin, Storm Lake, Iowa. Presented.

Carpet bag, candle moulds, silk reel, shuttle, pottery fragments, fossil coral, eagle feather in box. E. R. Harlan, Keosauqua, Iowa. Presented.

Chair. Mrs. A. A. Elston, Des Moines. Presented.

Fence wire, an early type, brought from St. Louis. George Kurtzweil, Des Moines. Presented.

Flax hatchel. Family of B. F. Gue, Des Moines. Presented.

Frow. O. H. Evans, Russell, Iowa. Presented.

Miniature Bible, ink stand, doll's bonnet and a tassel. Miss Harriet L. Ankeny, Des Moines. Loaned.

Ox yoke key. Alex. Graham, Des Moines. Presented.

Sickle. S. D. Davison, Grimes, Iowa. Presented.

Log house. A fragment from the first log house built in Ida county, Iowa. A. B. DeKay, Ida Grove, Iowa. Presented.

Chinese sandals and wooden grain fork. J. N. Mathews, Des Moines. Presented.

Opium smoker's outfit, taken from a den in Des Moines. A. G. Miller, Police Captain, Des Moines. Presented.

Visitors' Register from Iowa Building, Philadelphia Centennial. W. B. Martin, Secretary of State. Presented.

Wide-awake vocalist and rail-splitter's song book. S. H. Stacy, Medora, Iowa. Presented.

Nine books in the Chinese language. Mrs. D. H. A. Stoddard, Pella, Iowa. Presented.

Jail door. A door from the first jail built in Muscatine county. Mrs. J. P. Walton, Muscatine, Iowa. Presented.

Shingles. Four hand-made oak shingles from an old log cabin built in 1855. H. A. Mueller, St. Charles, Iowa. Presented.

Geodes. 6 specimens, 5 Indian photographs, stone axe, 42 flint arrow and spear points, 2 star fish, 18 polished agates, and a large bone. F. C. Tullis, Des Moines. Exchanged.

Minerals. Several specimens from Joplin, Mo. W. S. Bales, Des Moines. Presented.

Boulders with supposed Indian markings. A. A. Jeffrey, Indianola, Iowa. Presented.

Gold ore. P. J. Roche, Cresco, Iowa. Presented.

Moon stones. 8 specimens. H. F. Ayres, Wilton Junction, Iowa. Presented.

Pearls. 14 fresh water "slugs" taken from the Mississippi river Unios. E. T. Brunson, Gowrie, Iowa. Presented.

Bird's nest. Baltimore Oriole, made principally from strings. G. W. Barron, Des Moines. Presented.

Horns. A fine pair of Water Buffalo horns from the Philippines. Gen. J. R. Prime, Des Moines. Presented.

Fir bark. Large section. Henry Stickleman, Blockton Iowa. Presented.

Seeds. From the Louisiana Purchase Exposition. Argentine Commission. Presented.

Asbestos. Fine specimen in natural and manufactured condition. Thomas Anderson, Bondurant, Iowa. Presented.

Skulls of Tiger, Gavial and Great Horn Bill, Saw Fish, Yak tail brush, Musselman shoes, Japanese sandals, Oriental headgear, 17 small costumed models of Oriental people, and several smaller articles, gathered by the contributor principally in India. Mrs. D. H. A. Stoddard, Pella, Iowa. Presented.

Andirons. Henry Muller, Wever, Iowa. Presented.

Candle sticks. 2 specimens and a buffalo horn. S. H. Stacy, Medora, Iowa. Presented.

Spinning wheel with distaff. Rev. C. C. Mabee, Des Moines. Presented.

Brick, from magazine of Ft. Putnam. W. D. Lummis, Des Moines. Presented.

Belt, drum stick, 2 badges. S. F. Fahnestock, Des Moines. Presented.

Badges. 26 badges, all different. Fred Whittemore, Des Moines. Exchanged.

Veteran badge. L. L. Filson, Des Moines. Loaned.

Photograph of a locomotive—"The Exposition Flyer."

Flag. A copy of the first flag made for the U. S. Government. Mrs. Rachel Albright, Ft. Madison, Iowa. Purchased.

Flags. Two flags from the Iowa building at the Louisiana Purchase Exposition. Iowa Commission. Presented.

Flag that waved over the Iowa building at the Louisiana Purchase Exposition. Iowa Board of Control, Des Moines. Presented.

Coins. 32 coins, principally foreign. C. B. Bousquet, Des Moines, Iowa. Presented.

Coins. 50 pieces of foreign coin. John Loftus, Burlington, Iowa. Loaned.

Coin, Chinese. Lewis Marshall, Eagle Grove, Iowa. Presented.

Coin, English. C. W. Mountain, Cass county, Iowa. Presented.

Colonial cent. Frank Wood, Des Moines. Presented.

Money. 3 early Iowa bills and 35 other obsolete bills. Fred Whittemore, Des Moines. Exchanged.

Money. Several sheets of Iowa private bank money of 1850. A. N. Harbert, Cedar Rapids, Iowa. Presented.

Money. Paper five cent fractional currency. C. B. Ellis, Onawa, Iowa. Presented.

Money. Confederate two dollar bill. E. J. Holmes, Yazoo, Miss. Presented.

Medals. 2 bronze medals each of President Theodore Roosevelt, and Secretary Leslie M. Shaw. Geo. E. Roberts, Director of the Mint. Presented.

Grant medal. Exposition medal, one coin, 2 Confederate bills. P. L. Squires, Des Moines. Presented.

Postage currency, one sheet each of the second issue of the uncut, unperforated 5-10-25 and 50 cent U. S. Postage Currency. Miss Grace Cooper, Des Moines. Loaned.

Meteorite. B. D. Hardin, Fayette, Iowa. Loaned.

"Devil's claws." Curious seed pods. L. M. Bertholf, Winterset, Iowa. Presented.

Flints. 55 flint spears and arrow points collected in Iowa. T. Van Hyning. Presented.

Flint spears, 4 specimens. C. S. Hazlett, Boone, Iowa. Presented.

Indian bead work. 69 pieces of bead work by the Musquakie Indians of the Tama reservation. W. R. Lesser, Tama, Iowa. Purchased.

Indian pipe. Unknown donor.

Indian pipe, unfinished. W. A. Pringle, Rolfe, Iowa. Presented.

Indian relics. 24 prehistoric stone pestles, one stone mortar and a round stone. J. W. Preston, Des Moines. Loaned.

Indian relics, 3 skulls, incomplete skeleton, hunting knife, 2 tobacco boxes, bottle, 6 styles of beads (a number of each), lot of shell wampum, paint, remnants of blankets, 10 copper bracelets and anklets, 2 nose rings, 1 buckle, 6 nails, 16 loose jingle bells, 13 jingle bells on silk ribbon, scalp lock with hair ornaments attached, lot of loose scalp ornaments, and a number of other small things taken from Indian graves in the State. Collected by the Department.

Stone axe. Jay Wells, Boone, Iowa. Presented.

Stone mortar, stone axe, 2 flint spears. W. S. Goldigan, Palmyra, Iowa. Presented.

Stone maul. Wesley Myers, Boone, Iowa. Presented.

Stone mortar. Rev. L. O. Sutherland, Hartford, Iowa. Loaned.

WAR RELICS

Small spur and loaded cartridge. J. C. Anderson, Des Moines. Presented.

Rifle. A sporting rifle brought by the Ankeny family to the west in early days. Miss Harriet L. Ankeny, Des Moines. Loaned.

Cannon ball and flag captured from the rebels at the battle of Athens, Mo. David C. Beaman, Denver, Col. Presented.

Philippine bolos, buffalo horn stirrup, etc. 9 specimens from the Philippines. C. B. Bousquet, Des Moines, Iowa. Presented.

The sword of Col. Aaron Brown, 3d Iowa Infantry. Mrs. Ellen A. Brown, Mitchellville, Iowa. Presented.

Rifle. A sporting rifle carried by William E. Burkholder in the Spirit Lake Expedition. Mrs. C. C. Carpenter, Fort Dodge, Iowa. Presented.

Cannon ball, reported as first one fired by the rebels at the siege of Monroe, Mo. J. J. Earle, West Union, Iowa. Presented.

Sword. Mrs. A. M. Ewing, Des Moines. Presented.

Cannon shell. 5 pieces of cannon shells, 2 balls, buckle, buttons, etc. Civil war relics. Family of B. F. Gue, Des Moines. Presented.

Cartridge pouch and belt, "Hawaian rifles," hat band. M. D. Graham, Des Moines. Loaned.

Rifle. A heavy deer rifle, pouch and powder horn. George W. Haynes, Des Moines. Presented.

Gun and revolver. J. B. Harsh, Des Moines. Exchanged.

Musket and revolvers. E. B. Kirkeberg, Eagle Grove, Iowa. Purchased.

Cannon ball, 4 empty shells from Rock Island Arsenal, through Kinsman Post, G. A. R. Presented.

Cannon shell from battle of the Wilderness. J. Manbeck, Des Moines. Presented.

Guns. 12 pieces. Arabian punk lock, smooth bore flintlock, flintlock sporting rifle, French musket, 8 carbines. J. N. Mathews, Des Moines. Loaned pending purchase. The following items by the same contributor were obtained by exchange: 7 revolvers, 11 pistols, sword, dagger, knife, powder flask, cap pouch, saddle bags and 2 pairs of handcuffs.

Pistol and sabre of Capt. J. J. McCullough. E. J. McCullough, Des Moines. Loaned.

Pistol. J. Peterson. Sawyer, Iowa. Presented.

Gun and belt. F. L. Perstin, Alma, Iowa. Presented.

Rifle cartridge, 4 specimens, from Lewis and Clark Exposition. L. M. Randles, Des Moines. Presented.

Cannon shells. 3 unexploded specimens. Henry Stickleman, Blockton, Iowa. Presented.

Drum, 4 sabres, sword, bayonet, pair of spurs, bugle, buckle, cannister shot, fragments of unexploded shells, knapsack and a few minor pieces, all relics of the civil war. W. H. Thrift, Adjutant General, Des Moines. Presented.

Cannon shell from Gettysburg. John A. Wirt, Des Moines. Presented.

Revolver and grape shot. Fred Whittemore, Des Moines. Presented.

Civil war relics. The following items were transferred from the Iowa State Arsenal: Rifle, helmet, 2 bugles, rebel overcoat, rebel jacket, rebel mask, bridle, spur, ammunition pouch, 2 ammunition pouches with belts, 2 extra blankets, 2 haversacks, sword sheath, dirk sheath, dagger and sheath, mess knife, 2 revolver holsters. Adjutant General W. H. Thrift. Presented.

Projectiles. Three 3-inch conical shells, one unexploded. Types used in modern rapid-firing rifles. C. B. Bousquet, U. S. Signal Service, Ft. Leavenworth, Kansas. Presented.

Powder flask. W. E. Hamilton, Des Moines. Presented.

Shot gun. German make. H. O. Foland, Des Moines. Purchased.

THE COLLECTION OF ARTILLERY

Nordenfelt Rifle. Mounted 57 mm. A trophy from the Spanish S. S. Maria Teresa. Captured at Santiago, July 3, 1898. Procured by Hon. John A. Kasson and Admiral Robley D. Evans.

Nordenfelt Rifle. No mount, 2¼ inch bore. From the U. S. Navy Yard, Boston. Procured through Kinsman Post, G. A. R.

Colt's short Gatling Machine Gun. Mounted as a field piece. 10-barreled, 12 mm. Taken from U. S. S. Olympia (Admiral Dewey's flag ship), October, 1899. From the U. S. Navy Yard, Boston. Procured through Kinsman Post, G. A. R.

Colt's long Gatling Machine Gun. Mounted on a tripod, 10-barreled, 12 mm. Taken from the U. S. S. Newark. From the U. S. Navy Yard, Boston. Procured through Kinsman Post, G. A. R.

Long Gatling Battery Gun. Mounted as a field piece, with limber, 10-barreled, 12 mm. From Iowa State Arsenal. Loaned by Adjutant General W. H. Thrift.

Hotchkiss Revolving Cannon. Mounted as a field piece, 5-barreled, 37 mm. From U. S. Navy Yard, Boston. Procured through Kinsman Post, G. A. R.

Hotchkiss Revolving Cannon. No mount, 5-barreled, 47-mm. From U. S. Navy Yard, Boston. Procured through Kinsman Post, G. A. R.

Spanish Howitzer. No mount. (A stone mounting has been supplied). 8-inch bore, muzzle loader, bears date 1793. This is a Spanish war relic, taken from the Estrella Battery at Santiago.

Filipino Howitzer. Muzzle loader. This piece is probably of Spanish cast, but is mounted on a carriage of Filipino manufacture. A relic of the Filipino war. Procured by Hon. J. A. T. Hull.

Filipino Cannon (2 specimens). Muzzle loader, no mount. These crude pieces were made of common iron pipe covered with wood and reinforced with wire wrapping and iron bands. Procured by Hon. J. A. T. Hull.

Chinese Field Guns (2 specimens). Mounted on carriage, muzzle loader. These quaint old pieces were cast in 1685. The tires on the wheels were put on in short sections. Captured from the walls of Peking. Procured by U. S. Ambassador E. H. Conger.

Chinese Cannon. Mounted on carriage, 64 mm. Procured by Rear Admiral George C. Remey.

Parrot Rifle (2 specimens). These 100-pounders were mounted on Union gunboats during the civil war, one on the Nipsic and the other on the Tallapoosa. Presented by the U. S. Congress.

Seacoast Mortar. 13-inch, cast in 1861, weighs with mounting 22,000 pounds. This mortar was mounted on the gunboat Matthew Vassar. It

was used in the reduction of Forts St. Philip and Jackson, below New Orleans and at Vicksburg. Presented by the U. S. Congress.

Seacoast Mortar. 8-inch. From Ft. Preble, New Haven, Conn.

Siege Mortar. Wooden, 4½-inch. A civil war relic. From Iowa State Arsenal.

Saluting Mortar. An interesting specimen from the Philippines. Procured by Hon. J. A. T. Hull.

Spanish Swivel Gun. Taken from the wreck of Admiral Cervera's flagship, Infanta Maria Teresa. Procured by Lieut. Com. Albert H. McCarthy.

Flintlock Swivel Gun. A relic of the Mexican War.

Swivel Gun, manufactured at Harper's Ferry.

Swivel Gun, manufactured at Springfield, Mass.

DONORS AND CONTRIBUTORS

- Alabama, department of archives and history, Montgomery.
 Aldrich, Charles, Boone, Iowa.
 Allison, William B., Dubuque, Iowa.
 American antiquarian society, Worcester, Mass.
 Anamosa (Iowa) prison press.
 Anderson, A. J., Sioux City, Iowa.
 Anderson, J. C., Des Moines.
 Anderson, J. S., Cedar Rapids, Iowa.
 Anderson, Thomas, Bondurant, Iowa.
 Andrews, C. W., Walthalla, N. D.
 Ankeny, Miss Harriet L., Des Moines.
 Argentine Commission, St. Louis Exposition.
 Armstrong, W. C., Marksboro, N. J.
 Arnold, Delos, Pasadena, Cal.
 Atkinson, Mrs. Margaret L., Dorchester, Mass.
 Audubon county (Iowa) auditor.
 Ayers, H. F., Wilton Junction, Iowa.
 Bailey, Mrs. G. S., Vernon, Iowa.
 Baker, Henry M., Concord, N. H.
 Baldwin, W. W., Burlington, Iowa.
 Bales, W. D., Des Moines.
 Barstow, Mrs. H. M., Webster City, Iowa.
 Barron, G. W., Des Moines.
 Beaman, D. C., Denver, Col.
 Bennett, J. E., Newton, Iowa.
 Benton county (Iowa) auditor.
 Berryhill, Mrs. James G., Des Moines.
 Bertholf, L. M., Winterset, Iowa.
 Bertholf, Wray, Winterset, Iowa.
 Billingsley, Rev. L. K., Des Moines.
 Black, George, Norwalk, Iowa.
 Black Hawk county (Iowa) auditor.
 Boberg, K. W., Des Moines.
 Bonney, William C., Keokuk, Iowa.
 Boone county (Iowa) auditor.
 Boone evening republican.
 Boston public library.
 Boucher, F. H., Marshalltown, Iowa.
 Bousquet, C. B., Des Moines, Iowa.
 Brandt, Amos W., Des Moines.
 Bready, John Ely, Dubuque, Iowa.
 Bridge, J. H., New York.
 Briggs, Mrs. John M., Omaha, Neb.
 Brigham, Johnson, Des Moines.
 Bristow, Gen. J. L., Washington, D. C.
 Brother, Charles, Des Moines.
 Brown, Judge Alexander, Keosauqua, Iowa.
 Brown, Mrs. Ellen A., Mitchellville, Iowa.
 Brunson, E. T., Gowrie, Iowa.
 Buffalo (N. Y.) historical society.
 Burlington (Iowa), city of.
 Burlington public library.
 Carpenter, Olin, Booneville, Iowa.
 Carpenter, Mrs. C. C., Ft. Dodge, Iowa.
 Calkins, J. E., Davenport, Iowa.
 Cedar Rapids republican.
 Central college, Pella, Iowa.
 Chandler, William E., Concord, N. H.
 Chase, Charles P., Clinton, Iowa.
 Chatterton, William.
 Cherokee county (Iowa) auditor.
 Chicago university.
 Childress, R. H., Denison, Iowa.
 Christy, Mrs. J. M., Des Moines.
 Cincinnati museum association.
 Clark, Charles A., Cedar Rapids, Iowa.
 Clarkson, James S., New York.
 Clayton, Mrs. Anna H., De Soto, Iowa.
 Clayton county (Iowa) auditor.
 Cole, A. A., Nevada, Iowa.
 Colorado state historical and natural history society, Denver.
 Columbia university, New York.
 Conger, Hon. E. H., Des Moines.
 Connecticut bureau of labor statistics.
 Cooper, Miss Grace, Des Moines.
 Corning (Iowa) city clerk.
 Council Bluffs (Iowa) mayor.
 Council Bluffs public library.
 Crapo, Mrs. P. M., Burlington, Iowa.
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 Cummins, Mrs. Mary G., Redfield, Iowa.
 Daniel, S. S., Tipton, Iowa.
 Daughters of the American revolution, Abigail Adams Chapter, Des Moines.
 Daughters of the American revolution, National society, Washington, D. C.
 Davenport board of health.
 Davenport free public library.
 Davison, S. D., Grimes, Iowa.
 DeKay, A. B., Ida Grove, Iowa.
 De Pau university, Greencastle, Ind.
 Des Moines park commissioners.
 Detroit (Mich.) bar association.
 Dickinson county (Iowa) auditor.
 Dippert, Joe, Des Moines.
 Dodge, Gen. G. M., New York.
 Drake university, Des Moines.

- Duncombe, Mrs. John F., Ft. Dodge, Iowa.
 Durley, Mrs. Ella H., Des Moines.
 Earle, J. J., West Union, Iowa.
 Edmundson, J. D., Des Moines.
 Eldora (Iowa) city clerk.
 Ellis, C. B., Onawa, Iowa.
 Elston, Mrs. A. A., Des Moines.
 Evans, O. H., Russell, Iowa.
 Evanston (Ill.) historical library.
 Ewing, Mrs. A. M., Des Moines.
 Fahnestock, S. F., Des Moines.
 Filson, L. L., Des Moines.
 Field Columbian museum, Chicago.
 Flickinger, R. E., Fonda, Iowa.
 Foland, H. O., Des Moines.
 Fort Madison (Iowa) good government and political reform club.
 Froman, Cleo, Des Moines.
 Goldigan, W. S., Palmyra, Iowa.
 Graham, Alex., Des Moines.
 Graham, M. D., Des Moines.
 Grant, Arthur Hastings, Montclair, N. J.
 Green, Charles R., Lyndon, Kansas.
 Grinnell (Iowa), town of.
 Griswold, L. W., Cooper, Iowa.
 Gruwell, J. P., Maquoketa, Iowa.
 Gue, B. F., Family of, Des Moines.
 Guilford battle ground association, Greensboro, N. C.
 Hagerman, Mattie L., Des Moines.
 Hamilton, W. E., Des Moines.
 Hardin, B. D., Fayette, Iowa.
 Harlan, Edgar R., Keosauqua, Iowa.
 Harlan, Elihu T., Stockport, Iowa.
 Harper, Mrs. S. H., Ottumwa, Iowa.
 Harsh, J. B., Des Moines.
 Hartupce, Harry, Des Moines.
 Haynes, George W., Des Moines.
 Hazlett, C. B., Boone, Iowa.
 Hector, H., Des Moines.
 Hersey, S. T., Cedar Falls, Iowa.
 Highland Park college, Des Moines.
 Hilton, C. A., Tama, Iowa.
 Hodder, Prof. Frank H., Topeka, Kansas.
 Hodges, F. L., Des Moines.
 Hoffman, Oscar A., Sioux City, Iowa.
 Hoffman, Samuel V., New York.
 Holmes, E. J., Yazoo, Miss.
 Hornaday, Prof. W. T., New York.
 Huguenot society of South Carolina, Charleston.
 Hull, Miss Annette, Des Moines.
 Hull, Hon. J. A. T., Des Moines.
 Hunting, T. D., New York.
 Hupp, George, Des Moines.
 Illinois state historical society, Springfield.
 Indian rights association, Philadelphia.
 Ingham, Harvey, Des Moines.
 Ingham, Capt. W. H., Algonka, Iowa.
 Interstate commerce commission, Washington, D. C.
 Iowa auditor of state.
 Iowa commission, St. Louis Exposition,
 Iowa (county) auditor.
 Iowa park and forestry association.
 Iowa Seed Co., Des Moines.
 Iowa state bar association.
 Iowa state board of control.
 Iowa state college of agriculture and mechanic arts, Ames.
 Jackson county (Iowa) historical society.
 Jeffrey, A. A., Indianola, Iowa.
 John Crerar library, Chicago.
 Johns Hopkins university, Baltimore.
 Johnson, R. S., Manchester, Iowa.
 Judd, Allen, Des Moines.
 Junkin, Charles M. and family, Fairfield, Iowa.
 Kasson, Hon. John A., Washington, D. C.
 Kelsey, William, Des Moines.
 Kempker, Rev. John F., Davenport, Iowa.
 Keokuk daily gate city.
 Keyes, Charles R., Socorro, N. M.
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 Lake Mohonk conference on international arbitration.
 Lamb, Fred W., Manchester, N. H.
 Lancaster (Pa.) county historical society.
 Larrabee, Gov. William, Clermont, Iowa.
 Larson, G. A., Des Moines.
 Lee, E. N., Webster City, Iowa.
 Lee, E. N., Little Valley, N. Y.
 Lexington (Mass.) historical society.
 Lock, Christian, Keokuk, Iowa.
 Loftus, John, Burlington, Iowa.
 Lummis, W. D., Des Moines.
 Mabes, Rev. C. C., Des Moines.
 McCall, John A., Des Moines.
 McCollister, J. D., Davenport, Iowa.
 McCullough, E. J., Des Moines.
 Macmillan publishing co., New York.
 McPherrin, Des Moines.
 Madison county (Iowa) auditor.
 Maine genealogical society, Portland.
 Manbeck, H., Des Moines.
 Manbeck, J., Des Moines.
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 Marshall, Lewis, Eagle Grove, Iowa.
 Martin, F., Stone Lake, Iowa.
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 Massachusetts secretary of the commonwealth, Boston.
 Mathews, J. N., Des Moines.
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 Milwaukee (Wis.) public library.
 Mississippi historical society, University.
 Missouri world's fair commission, St. Louis.
 Montana historical society, Helena.
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- Mueller, H. A., St. Charles, Iowa.
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 New Haven (Conn.) colony historical society.
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 New York historical society, New York.
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 New York state museum.
 New York zoological society, New York.
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 Nineteenth century club, Iowa City, Iowa.
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 St. Louis mercantile library.
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 Sons of the American revolution, California society.
 Empire society, New York.
 Iowa society.
 Maine society, Portland.
 Massachusetts society, Boston.
 New Jersey society.
 Ohio society, Columbus.
 Vermont society.
 South Dakota state historical society, Pierre.
 Southern California historical society, Los Angeles.
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 State department.
 War department.
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 Van Hyning, Otto C., Des Moines.
 Van Hyning, G. W., Sawyer, Iowa.
 Van Hyning, T., Des Moines.
 Van Winkle, A. S., Keota, Iowa.
 Vermont historical society, Montpelier.
 Vineland (N. J.) historical and antiquarian society.
 Waite, John L., Burlington, Iowa.

Walton, Mrs. J. P., Muscatine, Iowa.
Wapello county (Iowa) auditor.
Washington state librarian, Olympia.
Wells, Jay, Boone, Iowa.
White, Charles A., Washington, D. C.
White, F. A., Des Moines.
White, Mrs. S. A.
Whittemore, Fred, Des Moines.
Wick, B. L., Cedar Rapids, Iowa.
Wilson, George, Lexington, Mo.

Winnebago county (Iowa) auditor.
Wirt, John A., Des Moines.
Wisconsin free library commission.
Wisconsin state university.
Wolcott, Bertha, Keokuk, Iowa.
Woodbury county (Iowa) auditor.
Wood, Frank, Des Moines.
Worth county (Iowa) auditor.
Wyoming historical society, Cheyenne.
Yerkes, Charles Tyson, New York.

CONTENTS.

Introduction.....	7
Bound volumes of newspapers.....	17
Newspapers now received.....	34
Periodicals received.....	41
Books and pamphlets.....	44
Summary.....	72
Historical Department at St. Louis....	73
Collections at the St. Louis Exposition	76
Maps.....	82
Odd Newspapers.....	83
Autograph letters, manuscripts, portraits..	84
Oil portraits.....	87
Crayon and other portraits.....	89
Museum	
Miscellaneous.....	91
War relics.....	94
Collection of artillery.....	96
Donors and contributors.....	99

TWENTY-FIFTH BIENNIAL REPORT

OF THE

BOARD OF CURATORS

OF THE

State Historical Society of Iowa

TO THE

GOVERNOR OF THE STATE

1905

DES MOINES:
BERNARD MURPHY, STATE PRINTER
1905.

LETTER OF TRANSMITTAL.

IOWA CITY, IOWA, September 15, 1905.

To the Governor of the State of Iowa:

Pursuant to the provisions of the law, the Board of Curators of The State Historical Society of Iowa submit herewith their twenty-fifth biennial report.

F. E. HORACK,
Secretary.

CONTENTS.

	PAGE.
I. HISTORICAL SKETCH	7
II. ORGANIZATION AND LEGAL STATUS	10
III. SUPPORT.....	11
IV. CURATORS AND OFFICERS.....	12
V. MEMBERS.....	13
VI. LIBRARY MEMBERS.....	16
VII. AUXILIARY MEMBERS	19
VIII. FINANCIAL STATEMENT.....	20
IX. PUBLICATIONS	21
X. THE LIBRARY	26
XI. THE INDUSTRIAL HISTORY OF IOWA	27
XII. THE MU-SQUA-KIE INDIAN INQUIRY.....	27
XIII. RECOMMENDATIONS.....	28

I

HISTORICAL SKETCH.

The revision of the State Constitution in 1857 seems to have been the event which occasioned the first formal expression of the conviction that the history of Iowa was worthy of preservation. And so, in January, 1857, while the Third Constitutional Convention was revising the constitution of the state in the Old Stone Capitol at Iowa City, the Sixth General Assembly, which was then in session in the same historic building, voted a permanent annual appropriation "for the benefit of a State Historical Society."

To be sure, discussion of the importance and value of such a society had preceded and in a way called forth this action of the General Assembly; but the movement was not fully organized until February 7, 1857, when a constitution for the "State Historical Society of Iowa" was adopted.

According to its original constitution, The State Historical Society of Iowa consisted of members who were admitted upon election of the Society, or by the Board of Curators, and the payment of an "admittance fee" of three dollars. The members of the Society held regular annual meetings at which officers were elected and new members admitted.

The officers of the Society consisted of a "President, six Vice-Presidents, a Corresponding Secretary, a Recording Secretary, Treasurer, Librarian, and eighteen Curators," who were chosen annually. Article 7, Chapter 4, of the constitution constituted the Curators "the Executive Department of this Association" with "full power to manage its affairs." In April, 1869, a series of "by-laws" was adopted, which, among other things, provided for officers and monthly meetings of the Board of Curators, fixed the quorum thereof, prescribed an order of business, and named six standing committees.

After a lapse of nearly half a century it is interesting to observe the aims and functions of The State Historical Society of Iowa as indicated in chapter three of its constitution of 1857.

This chapter, which is entitled "Object," reads as follows: "The object of this society shall be to collect, embody, arrange and preserve in authentic form a library of books, pamphlets, maps, charts, manuscripts, papers, paintings, statuary and other materials illustrative of the history of Iowa; to rescue from oblivion the memory of its early pioneers; to obtain and preserve narratives of their exploits, perils and hardy adventures; to secure facts and statements relative to the history, genius, progress or decay of our Indian tribes, to exhibit faithfully the antiquities and the past and present resources of the state; and to promote the study of history by lectures, and diffuse and publish information relating to the description and history of Iowa."

At the outset the State seems to have maintained no direct control over the organization and administration of the Society. As time went on, however, the feeling arose that The State Historical Society of Iowa should be brought into closer relations with the State. This was certainly a legitimate demand since the Society existed for public purposes and was supported by State appropriations. Accordingly, the Fourteenth General Assembly passed "An act to reorganize the State Historical Society," which was approved April 23, 1872.

The act of 1872 was for the most part compiled from the provisions of the constitution and by-laws which the Society had previously adopted. Some significant changes were, however, introduced. The Curators were thereafter to hold office for two years, and nine of the eighteen were to be appointed by the Governor of the State. The annual meeting of the Society was to be held "on the Monday preceding the last Wednesday in June of each year." Section five empowered the Board of Curators to "choose annually, or oftener, if need be, a corresponding secretary, recording secretary, a treasurer and a librarian * * * from the members outside of their own number." These officers were to serve as officers both of the Society and of the Board of Curators. A President was likewise chosen by the Curators, but from their own number. He presumably held the same office in the Society. It was further provided by this act that "no officer of the society, or of the board, shall receive any compensation from the state appropriation to the society."

Whatever may have been its legal status prior to 1872, it is certain that by the act of April 23 of that year The State Historical Society of Iowa was made a *State Institution* in the fullest sense of the term. Since 1872 no change of any importance has been made in the organic law of the Society, so that today the Code provisions are substantially those of the act of 1872.

It can hardly be said that The State Historical Society of Iowa was, in its earlier years, liberally supported by the State. The idea seems to have prevailed that the library and collection would somehow grow by voluntary contributions, and that with little or no expense the materials of history would find their way to the storerooms of the Society. By the act of January, 1857, the sum of \$250 was appropriated as a permanent annual allowance. In 1860 this annual allowance was increased to \$500. Twenty years latter it was fixed at \$1,000. In 1902 the permanent annual support of the Society was raised to \$2,500. And finally, in 1904, the permanent annual support was increased to \$7,500. In the meantime several special appropriations were voted for the benefit of the Society. The first special appropriation was made in 1868 when, in "An Act in relation to The State Historical Society," \$3,000 annually for two years was appropriated. In 1892 a second special appropriation of \$1,000 for the biennial period was voted. Again, in 1900, the Society received a special appropriation of \$2,000. The last of the special appropriations was made in 1902, and amounted to \$9,500.

In the original act of appropriation, as well as in subsequent statute and code provisions The State Historical Society is referred to as "in connection with and under the auspices of The State University." Precisely what was to be understood by these words was not clearly defined. The expression, however, has never been interpreted to mean that any organic connection existed between the two institutions. The State Historical Society of Iowa remains to this day an independent State institution, whose organization, support, and management are in no way connected with The State University. It is probable that the provisions of the act of 1857 aimed to secure the permanent location of the Society at Iowa City, where it would "be fostered

by the literary and scientific influences of the university.”* The only material assistance which has ever been rendered by the University consisted of providing rooms for the Society from 1857 to 1868, and again from 1901 to this day.

II.

ORGANIZATION AND LEGAL STATUS.

The present organization, authority, and legal status of The State Historical Society of Iowa, are based upon the provision of the Code of 1897 (Title XIII, chapter 18, sections 2882-2888, page 975), which reads as follows:—

SECTION 2882. Appropriation—objects. There is annually appropriated for the support of the state historical society at Iowa City, * * * to be expended by that society in collecting, embodying, arranging, and preserving in authentic form, a library of books, pamphlets, maps, charts, manuscripts, papers, paintings, statuary, and other materials illustrative of the state and its history, to save from oblivion the memory of its early pioneers, to obtain and preserve narratives of their exploits, perils and hardy adventures, to secure facts and statements relative to the history, genius and progress or decay of our Indian tribes, to exhibit faithfully the antiquities and past and present resources of the state, and to aid in the publication of such of the collections of the society as it from time to time regards of value and interest, to aid in binding its books, pamphlets, manuscripts and papers, and in paying other necessary and incidental expenses of the society. [18 G. A., Chapter 71, C. '73, § 1900; R. § 1959.]

SEC. 2883. Board of Curators meetings. The board of curators of the society shall consist of eighteen persons, nine of whom shall be appointed by the governor, and nine elected by the members of the society. Their term of office shall be two years, and they shall receive no compensation. The governor shall make his appointments on or before the last Wednesday in June in each even-numbered year, and the terms of the persons appointed shall commence on that day; and, at the annual meeting of the society in each odd-numbered year, the others shall be elected by ballot from the members of the society, for the term next ensuing, which annual meeting shall be held at Iowa City on the Monday preceding the last Wednesday in June. [C. '73, § 1901, 1903.]

* At a meeting of the Board of Curators in 1866, Col. S. C. Trowbridge said that "he [Trowbridge], was at the first organization of this society, which was born after the politicians had swapped off all the public institutions that had been located at Iowa City, and arranged for their removal to other parts of the state, and the object of placing the historical society under the auspices of the university was to insure its permanent location at this point. If allowed to remain here it will be fostered by the literary and scientific influences of the university."—From the records of the Board of Curators, March 2, 1866.

SEC. 2884. **Members.** Members may be admitted to the society at any time under such rules as may be adopted by the board of curators. [C. '73, § 1902.]

SEC. 2885. **Officers.** The board shall appoint annually, or oftener if need be, a corresponding secretary, recording secretary, treasurer and librarian from the members of the society outside of their own number, who shall hold office for one year, unless sooner removed by a majority vote of the board. Said officers shall hold the same position in the society as upon the board of curators, and their respective duties shall be determined by said board. No officer of the society or board shall receive any compensation from the state appropriation thereto. [C. '73, § 1904.]

SEC. 2886. **President.** It shall also appoint from its members a president, who shall be the executive head of the board, and hold office for one year and until his successor is elected. [C. '73, § 1905.]

SEC. 2887. **Executive board.** The curators, a majority of whom shall reside in the vicinity of the university, and five of whom shall constitute a quorum, shall be the executive board of the society, and have full power to manage its affairs. It shall keep a full and complete account of all its doings, and of the receipt and expenditure of all funds collected or granted for the purposes of the society, and shall annually report the same to the governor on or before the fifteenth day of August. [22 G. A., Ch. 82, 34 C. '73, § 1906.]

SEC. 2888. **Reports and documents furnished.** Twenty copies of the reports of the supreme court and all other books and documents published by the state or upon its order shall be delivered to the society for the purpose of effecting exchanges with the similar societies in other states and countries, and for preservation in its library, or other purposes of the Society. [C. '73, § 1907.]

III.

SUPPORT.

The support of The State Historical Society of Iowa is provided for by the following act of the Thirtieth General Assembly (Laws of the Thirtieth General Assembly, Ch. 117):

AN ACT making appropriations to the state historical society of Iowa. Amendatory of chapter eighteen (18) of title thirteen (XIII) of the code, relating to the state historical society.]

Be it enacted by the General Assembly of the State of Iowa:

SECTION 1. Annual Appropriation—Purposes. That there be and is hereby appropriated to the state historical society of Iowa, out of any money in the state treasury not otherwise appropriated, the sum of seven

thousand five hundred dollars (\$7,500), annually hereafter as permanent support: For the continued publication of the Iowa Journal of History and Politics; for the continuation of the compilation and publication of the messages and proclamations of the governor of Iowa; for the collection, compilation and publication of documentary materials relating to the history of Iowa, including such of the archives of the state and territory of Iowa as are of historical importance; for the publication of historical monographs, biographies, essays, lectures, bibliographs and indexes; for the proper maintenance of the library of the society, the collection and purchase of publications bearing upon Iowa and American history, and the proper classifying, cataloguing and indexing of such material; for the carrying out of a systematic and scientific anthropological survey of the State; for conducting public lectures of an historical character; and for meeting the incidental and other necessary expenses incurred in connection with the prosecution of the work of the said state historical society of Iowa, as indicated in this act and title XIII, chapter 18, section 2882 of the code.

SEC. 2. How paid. That the permanent annual appropriation herein provided for shall take the place and be in lieu of all other permanent annual appropriations heretofore made to the state historical society of Iowa, and the same shall be paid in quarterly installments on the order of the board of curators of the said state historical society of Iowa, the first installment to be paid July 1st, 1904.

SEC. 3. In effect. This act, being deemed of immediate importance, shall take effect and be in force from and after its publication in the Daily Register and Leader and the Des Moines Daily Capital, newspapers published in Des Moines, Iowa.

IV.

CURATORS AND OFFICERS.

The Board of Curators, as now constituted, consists of the following persons:—

Appointed by the Governor in 1904.

Harvey Ingham.....	Des Moines
H. W. Byers	Harlan
Irving B. Richman	Muscatine
E. W. Stanton.....	Ames
L. W. Parish.....	Cedar Falls
J. F. Mitchell.....	Des Moines
Charles E. Shelton.....	Indianola
J. J. McConnell....	Cedar Rapids
William Milchrist	Sioux City

Elected by the Society in 1905.

M. W. Davis.....	Iowa City
Peter A. Dey.....	Iowa City
Samuel Calvin.....	Iowa City
George W. Ball.....	Iowa City
B. F. Shambaugh.....	Iowa City
Isaac A. Loos.....	Iowa City
A. E. Swisher.....	Iowa City
J. W. Rich.....	Iowa City
Euclid Sanders.....	Iowa City

The officers of The State Historical Society, as elected by the Board of Curators in 1905, are as follows:

Peter A. Dey.....	<i>President</i>
Isaac A. Loos.....	<i>Vice-President</i>
Lovell Swisher.....	<i>Treasurer</i>
Frank E. Horack.....	<i>Secretary</i>

V.

MEMBERS.

Any person may become a member of The State Historical Society of Iowa upon election by the Board of Curators and the payment of an entrance fee of \$5.

Membership in this society may be retained after the first year upon the payment of \$3 annually.

Members of the society shall be entitled to receive the quarterly and all other publications of the Society during the continuance of their membership.

During the biennial period from July 1, 1903, to July 1, 1905, the following names appear on the membership roll of the Society:—

Hon. Alonzo Abernethy.....	Osage
Hon. Charles Aldrich.....	Boone
Hon. Joseph H. Allen.....	Pocahontas
Mr. Lew W. Anderson.....	Cedar Rapids
Hon. Washington I. Babb.....	Mt. Pleasant
Hon. Marsh W. Bailey.....	Washington
Hon. Geo. W. Ball.....	Iowa City
Mrs. Virginia S. Berryhill.....	Des Moines
Mr. U. C. Blake.....	Cedar Rapids
Hon. Horace Boies.....	Grundy Center
Mr. Garfield Breese.....	Iowa City
Mr. Luther A. Brewer.....	Cedar Rapids
Miss Margaret Brown.....	Chariton
Miss Margaret Budington.....	Iowa City
Mrs. E. D. Burbank.....	Des Moines
Col. George R. Burnett.....	Iowa City
Professor Samuel Calvin.....	Iowa City
Professor O. H. Cessna.....	Ames
*Mr. John H. Charles.....	Sioux City
Mr. E. E. Clark.....	Des Moines
Mr. T. L. Cole.....	Washington, D. C.
Mr. Roy A. Cook.....	Independence
Professor A. D. Cromwell.....	Humbolt
Professor A. N. Currier.....	Iowa City
Mr. M. W. Davis.....	Iowa City
*Judge A. R. Dewey.....	Washington
Hon. Peter A. Dey.....	Iowa City
General G. M. Dodge.....	New York City
Mr. J. D. Edmundson.....	Des Moines
Mr. George W. Egan	Logan
Mr. M. L. Ferson.....	Iowa City
Mr. T. J. Fitzpatrick.....	Iowa City
Mr. John W. Gannaway.....	Milwaukee, Wis
Mr. Tracy Garrett.....	Creston
Rev. E. E. Gordon.....	Des Moines
Mr. C. G. Greene.....	Cedar Rapids
Miss Helen Gunsolus.....	Tipton
Mr. A. N. Harbert.....	Cedar Rapids
Mr. E. R. Harlan	Keosauqua
Hon. S. H. Harper.....	Ottumwa
Dr. Geo. W. Hinkle.....	Harvard
Mr. Phil Hoffman.....	Oskaloosa
Hon. Parker K. Holbrook	Onawa
Dr. Frank E. Horack.....	Iowa City
Hon. John Hughes, Jr.....	Williamsburg
Miss Ada Hulbert.....	Fontanelle
Hon. W. H. Ingham.....	Algona
Professor Allen Johnson.....	Grinnell

*Deceased

Rev. J. F. Kempker.....	Davenport
Mr. Edw. J. Litchfield.....	New York City
Professor Isaac A. Loos.....	Iowa City
Mr. Max O. Lorenz.....	Madison, Wis
Mr. John J. Louis.....	Iowa City
Hon. Frank O. Lowden.....	Chicago
Professor T. H. Macbride.....	Iowa City
Mr. Dwight G. McCarty.....	Emmetsburg
Mr. S. W. Mercer.....	Iowa City
Hon. John T. Moffit.....	Tipton
Supt. Chas. E. Moore.....	Waterloo
Mr. Edw. M. Mealley.....	Santa Ana, Cal
Dr. Charles F. Noe.....	Amana
Mr. H. S. Nollen.....	Des Moines
Mr. O. M. Oleson.....	Ft. Dodge
Hon. Benj. F. Osborne.....	Rippey
Mr. S. E. Paine.....	Iowa City
Mr. Newton R. Parvin.....	Cedar Rapids
Mr. Daniel T. Patton.....	Des Moines
Dr. Paul S. Peirce.....	Ames
Dr. J. L. Pickard.....	Cupertino, Cal
Professor H. G. Plum.....	Iowa City
Mr. Charles L. Powell.....	Des Moines
Miss Edith Prouty.....	Humboldt
Mr. W. C. Putnam.....	Davenport
Mr. Wm. L. Read.....	Des Moines
Mr. Jos. W. Rich.....	Iowa City
Mr. Jacob Ruedy.....	Homestead
Mr. Euclid Sanders.....	Iowa City
Professor H. H. Seerley.....	Cedar Falls
Professor B. F. Shambaugh.....	Iowa City
Hon. Thos. Stapleton.....	Marengo
Hon. F. K. Stebbins.....	Iowa City
Dr. S. G. Stein.....	Muscatine
Superintendent S. K. Stevenson.....	Iowa City
President A. B. Storms.....	Ames
Mr. A. E. Swisher.....	Iowa City
Mr. S. A. Swisher.....	Iowa City
Mr. Lovell Swisher.....	Iowa City
Miss Alice S. Tyler.....	Des Moines
Dr. Duren J. H. Ward.....	Iowa City
Mr. H. O. Weaver.....	Wapello
Mr. J. B. Weaver, Jr.....	Des Moines
Professor L. G. Weld.....	Iowa City
Mr. B. L. Wick.....	Cedar Rapids
Professor W. C. Wilcox.....	Iowa City
Miss Harriet A. Wood.....	Cedar Rapids
Mr. Malcolm G. Wyer.....	Iowa City

VI.

LIBRARY MEMBERS.

Any public school, or college library in the State of Iowa may be enrolled as a library member upon application and the payment of a fee of \$1.00. Such library membership may be retained after the first year upon the payment of \$1.00 annually. Libraries enrolled as library members of The State Historical Society of Iowa shall be entitled to receive the quarterly of the Society and all other publications of the Society during the period of their membership.

During the biennial period from July 1, 1903, to July 1, 1905, the following libraries appear on the roll of library members:

Agricultural College Library.....	Ames
High School Library.....	Ames
Public Library.....	Ames
Public Library.....	Arnold's Park
Ericson Public Library.....	Boone
Public Library.....	Burlington
Public Library.....	Carroll
State Normal School Library.....	Cedar Falls
Coe College Library.....	Cedar Rapids
Public Library.....	Cedar Rapids
High School Library.....	Cedar Rapids
Iowa Masonic Library.....	Cedar Rapids
Drake Free Library.....	Centerville
Public Library.....	Chariton
Charles City College Library.....	Charles City
Public Library.....	Charles City
Public Library.....	Cherokee
School Library.....	Cherokee
Public Library.....	Clinton
Wartburg College Library.....	Clinton
Public Library.....	Colfax
Amity College Library.....	College Springs
School Library.....	Columbus Junction
Free Public Library.....	Corning
Public Library.....	Council Bluffs
High School Library.....	Council Bluffs
Public Library.....	Davenport
Luther College Library.....	Decorah
High School Library.....	Decorah
Drake University Library.....	Des Moines
Highland Park College Library.....	Des Moines
Historical Department Library.....	Des Moines

Iowa Library Commission Library	Des Moines
Iowa State Library	Des Moines
Carnegie-Stout Public Library	Dubuque
German Theological School Library	Dubuque
Public Library	Eldora
Public Library	Emmetsburg
Public Library	Estherville
Public Library	Fairfield
Upper Iowa University Library	Fayette
Public Library	Forest City
Tobin College Library	Fort Dodge
Free Public Library	Fort Dodge
Catermole Memorial Library	Fort Madison
Woman's Club Library	Glenwood
Grinnell Public Library	Grinnell
Iowa College Library	Grinnell
School Library	Hamburg
School Library	Harlan
P. E. O. Library	Harlan
Public Library	Hawarden
School Library	Hawarden
School Library	Homestead
Lenox College Library	Hopkinton
School Library	Hudson
Humboldt College Library	Humboldt
School Library	Independence
Public Library	Indianola
Simpson College Library	Indianola
Public Library	Iowa City
School Library	Iowa City
Law Library, University	Iowa City
State University Library	Iowa City
Public Library	Iowa Falls
Public Library	Jefferson
Public Library	Keokuk
School Library Ind. District	Lake City
Library Association	Laurens
Western Union College Library	Le Mars
School Library	Manchester
Public Library	Maquoketa
Public Library	Marshalltown
Public Library	Mason City
Public Library	Mt. Pleasant
Iowa Wesleyan University Library	Mt. Pleasant
Cornell College Library	Mt. Vernon
Public Library	Monticello
P. M. Musser Public Library	Muscatine

Public Library.....	Nashua
Public Library.....	Newton
Public Library.....	Odebolt
School Library.....	Oelwein
Public Library.....	Onawa
Sage Free Public Library	Osage
Public Library.....	Oskaloosa
Penn College Library.....	Oskaloosa
Public Library.....	Ottumwa
Guthrie County High School Library.....	Panora
Central College Library.....	Pella
High School Library	Red Oak
Public Library.....	Sanborn
Public Library.....	Sheldon
Western Normal College Library.....	Shenandoah
Morningside College Library.....	Sioux City
Cooper School Library.....	Sioux City
Public Library.....	Sioux City
Public Library	Spencer
Buena Vista College Library	Storm Lake
Public Library	Stuart
Tabor College Library.....	Tabor
Public Library.....	Tipton
Western College Library	Toledo
Public Library.....	Villisca
Public Library	Vinton
Public Library.....	Waterloo
Wartburg Seminary and Academy Library.....	Waverly
Kendall Young Library.....	Webster City
Public Library.....	West Liberty
Public Library.....	Winterset

VII.

AUXILIARY MEMBERS.

Local historical societies (such as county historical societies, city or town historical societies, and old settlers' associations) may be enrolled as auxiliary members of The State Historical Society of Iowa upon application of such local historical societies and upon the approval of their application by the Board of Curators of The State Historical Society of Iowa.

Patriotic organizations within the State of Iowa (such as the Iowa Society of the Sons of the American Revolution, the Iowa Society of the Daughters of the American Revolution, the Iowa Society of Colonial Wars and the Iowa Society of Colonial Dames) may be enrolled as auxiliary members of The State Historical Society of Iowa upon application of such organizations and upon the approval of their applications by the Board of Curators of The State Historical Society of Iowa.

Auxiliary societies or organizations shall be entitled to membership in The State Historical Society of Iowa and shall have one vote at the annual meeting of this Society. Each auxiliary society or organization shall be entitled to receive all the publications of The State Historical Society of Iowa issued during the period of its affiliation as an auxiliary member.

Auxiliary societies or organizations shall not be required to pay any fees or dues to The State Historical Society of Iowa.

During the biennial period from July 1, 1903, to July 1, 1905, the following organizations appear on the roll as auxiliary members:

Historical Society of Linn County.....	Cedar Rapids
Jackson County Historical Society.....	Maquoketa
Lucas County Historical Society.....	Charlton
Madison County Historical Society.....	Winterset
Washington County Historical Society	Washington
Iowa Society of the Daughters of the American Revolution.....	Davenport
Iowa Society of the Sons of the American Revo- lution....	Des Moines
Maquoketa Valley Pioneer and Old Settlers' Society..	Maquoketa
Old Settlers' Association of Grinnell	Grinnell
Old Settlers' Association.....	Villisca

VIII.

FINANCIAL STATEMENT.*

The following is a summary of the finances of The State Historical Society of Iowa from July 1, 1903, to June 30, 1905:—

INCOME.

General (Code) Fund—Total receipts including balance on hand July 1, 1903	\$ 1,005.97
General 1902 Fund—Total receipts including balance on hand July 1, 1903	1,522.45
Special 1902 Fund—Total receipts including balance on hand July 1, 1903	4,915.51
Act of Twenty-eighth General Assembly Fund—Balance on hand July 1, 1903	12.16
Publication and Membership Fund—Total receipts including balance on hand July 1, 1903	1,180.43
General Support Fund	7,491.66
Total income	\$16,128.18

EXPENDITURES.

	AMOUNT.	BALANCE
General Code Fund—Total expenditures	\$ 1,005.97	
General 1902 Fund—Total expenditures	1,522.45	
Special 1902 Fund—Total expenditures	4,915.51	
Act of Twenty-eighth General Assembly Fund—Total expenditures	12.16	
Publication and Membership Fund—Total expenditures	256.34	\$ 924.09
General Support Fund—Total expenditures	7,274.81	216.85
Total expenditures all funds	\$14,987.24	\$ 1,140.94
Total balance all funds	1,140.94	
Expenditures and balance equal total receipts	\$16,128.18	

*For detailed and itemized financial statement see report of the Board of Curators to the Executive Council.

IX

PUBLICATIONS.

One of the most important functions of The State Historical Society of Iowa is publication; and to this end a library is maintained and scientific research and investigations are initiated and directed.

THE IOWA JOURNAL OF HISTORY AND POLITICS.

This is a quarterly magazine of history and politics which was established in 1903 to succeed *The Iowa Historical Record*, which was discontinued in October, 1902. During the biennial period under review *The Iowa Journal of History and Politics* has been enlarged from 136 to 160 pages per number. This publication is an effort to bring to the study of Iowa history a critical and scholarly attitude; for it is evident that the time has come when the study of State and local history should be characterized by the same scholarship and the same critical methods as stamp the best efforts in the field of general American history. The leading contributions which have appeared during the years, 1904 and 1905 are as follows:—

- THE FIRST ELECTIONS UNDER THE CONSTITUTION,
By Charles Oscar Paullin.
- SOME IOWA MOUNDS—AN ANTHROPOLOGICAL SURVEY,
By Duren J. H. Ward
- THE ORIGIN AND THE HISTORY OF THE IOWA IDEA.
By George Evan Roberts.
- SHELBY COUNTY—A SOCIOLOGICAL STUDY,
By John J. Louis,
- THE IOWA DAUGHTERS OF THE AMERICAN REVOLUTION,
By Caroline Clifford Burbank.
- THE AMERICAN POLITICAL SCIENCE ASSOCIATION,
By Paul S. Reinsch.
- A BRIEF HISTORY OF THE AMANA SOCIETY, 1714-1900,
By Charles Fred Noe.
- THE IOWA SOCIETY OF THE SONS OF THE AMERICAN REVOLUTION,
By Elbridge Drew Hadley.
- THE LEAGUE OF WISCONSIN MUNICIPALITIES,
By Samuel Edwin Sparling.
- SHELBY COUNTY—A SOCIOLOGICAL STUDY,
By John J. Louis.
- THE CONSTITUTION OF COLORADO,
By Elmer Herbert Meyer.

DANIEL WEBSTER,

By Horace E. Deemer.

FIRST YEARLY MEETING OF THE IOWA ANTHROPOLOGICAL ASSOCIATION,

By Duren J. H. Ward.

MAPS ILLUSTRATIVE OF THE BOUNDARY HISTORY OF IOWA,

By Benjamin F. Shambaugh

SOME PHRASES OF CORPORATE REGULATION IN THE TERRITORY OF IOWA,

By Frank Edward Horack.

THE NATIONAL UNIVERSITY OF AGRICULTURE,

By Jesse Macy.

A BIBLIOGRAPHY OF IOWA STATE PUBLICATIONS FOR 1898 AND 1899,

By Margaret Budington.

THE NEGRO AND SLAVERY IN EARLY IOWA,

By Louis Pelzer.

SOME PHASES OF CORPORATE REGULATION IN THE STATE OF IOWA.

By Frank Edward Horack.

ASSEMBLY DISTRICTING AND APPORTIONMENT IN IOWA,

By Benjamin F. Shambaugh.

THE GENESIS OF POPULAR SOVEREIGNTY,

By Allan Johnson.

THE PROBLEM OF THE MOUNDS,

By Duren J. H. Ward.

CIVIL SERVICE REFORM IN AMERICAN MUNICIPALITIES,

By Charles Noble Gregory.

THE SCANDINAVIAN FACTOR IN THE AMERICAN POPULATION,

By George T. Flom.

THE TEACHING OF HISTORY IN THE SOUTH,

By Alice Fortier.

A BIBLIOGRAPHY OF IOWA STATE PUBLICATIONS FOR 1902 AND 1903,

By Margaret Budington.

THE ROADS AND HIGHWAYS OF TERRITORIAL IOWA,

By Jacob Van der Zee.

THE HISTORY OF THE OFFICE OF GOVERNOR IN WISCONSIN,

By James D. Barnett.

THE REPEAL OF THE GRANGER LAW IN IOWA,

By Charles Aldrich.

THE WORK OF AMERICAN HISTORICAL SOCIETIES,

By Henry E. Bourne.

RECENT AMENDMENTS TO THE CONSTITUTION OF IOWA,

By Frank E. Horack.

THE COMING OF THE NORWEGIANS TO IOWA,

By George T. Flom.

THE BRIBERY OF ALEXANDER W. MCGREGOR,

By John C. Parish.

ILLINOIS AS A CONSTITUENCY IN 1850,

By Allen Johnson.

SECOND YEARLY MEETING OF THE IOWA ANTHROPOLOGICAL ASSOCIATION.

By Duren J. H. Ward.

REPRINTS FROM THE IOWA JOURNAL OF HISTORY AND POLITICS.

It is the policy of the Society to issue reprints of the most important articles in the Journal. Of the contributions above named the following were issued as separate reprints:

- THE FIRST ELECTIONS UNDER THE CONSTITUTION,
By Charles Oscar Paullin.
- SOME IOWA MOUNDS—AN ANTHROPOLOGICAL SURVEY,
By Duren J. H. Ward.
- THE ORIGIN AND HISTORY OF THE IOWA IDEA,
By George Evan Roberts.
- SHELBY COUNTY—A SOCIOLOGICAL STUDY.
By John J. Louis.
- THE IOWA DAUGHTERS OF THE AMERICAN REVOLUTION,
By Caroline Clifford Burbank.
- A BRIEF HISTORY OF THE AMANA SOCIETY, 1714-1900,
By Charles Fred Noe.
- THE IOWA SOCIETY OF THE SONS OF THE AMERICAN REVOLUTION,
By Elbridge Drew Hadley.
- THE LEAGUE OF WISCONSIN MUNICIPALITIES,
By Samuel Edward Sparling.
- DANIEL WEBSTER,
By Horace E. Deemer.
- FIRST YEARLY MEETING OF THE IOWA ANTHROPOLOGICAL ASSOCIATION,
By Duren J. H. Ward.
- MAPS ILLUSTRATIVE OF THE BOUNDARY HISTORY OF IOWA,
By Benjamin F. Shambaugh.
- SOME PHASES OF CORPORATE REGULATION IN THE TERRITORY OF IOWA,
AND SOME PHASES OF CORPORATE REGULATION IN THE STATE OF IOWA,
By Frank Edward Horack.
- ASSEMBLY DISTRICTING AND APPORTIONMENT IN IOWA,
By Benjamin F. Shambaugh.
- THE PROBLEM OF THE MOUNDS,
By Duren J. H. Ward.
- CIVIL SERVICE REFORM IN AMERICAN MUNICIPALITIES,
By Charles Noble Gregory.
- THE SCANDINAVIAN FACTOR IN THE AMERICAN POPULATION,
By George T. Flom.
- THE REPEAL OF THE GRANGER LAW IN IOWA,
By Charles Aldrich.
- THE WORK OF THE AMERICAN HISTORICAL SOCIETIES,
By Henry E. Bourne.
- THE COMING OF THE NORWEGIANS TO IOWA,
By George T. Flom.
- SECOND YEARLY MEETING OF THE IOWA ANTHROPOLOGICAL ASSOCIATION,
By Duren J. H. Ward.

THE MESSAGES AND PROCLAMATIONS OF THE GOVERNORS OF IOWA.

In accordance with the provisions of the special appropriation made to The State Historical Society of Iowa by the Twenty-ninth General Assembly, the Society undertook the compilation and publication of the *The Messages and Proclamations of the Governors of Iowa*. Seven volumes, averaging about 500 pages each, have already been issued, the last volume bringing the compilation down to 1902. The work will be completed by the publication of the messages and proclamations of Governor Cummins (1902-1907) and an analytical index for the entire series. This is perhaps the most valuable compilation of documentary material which has thus far appeared in the field of Iowa history. It is believed that Iowa is the first state in the Union to make generally available for study and reference purposes the messages and proclamations of its governors.

THE ARCHIVES.

In this connection it is proper to call attention to the fact that in the publication plans of The State Historical Society of Iowa, the series of the *Messages and Proclamations of the Governors of Iowa* is not to stand alone. It is, indeed, but a part of a general plan already conceived and largely matured by the Society, which contemplates the systematic collection, compilation, editing, and publication of all those valuable source materials of Iowa history which have been preserved in the archives at Des Moines (Iowa), Madison (Wisconsin), Washington (D. C.), and elsewhere. For it is believed that the publication of the materials of Iowa history should not be taken up spasmodically and carried on in piecemeal fashion, but that such publication should proceed according to a well conceived, well arranged and well thought out system. It is such a system of publication of archives which The State Historical Society of Iowa contemplates as an important part of its work in the future.

A volume of the *Executive Journal*, which includes the official acts of the Governors of Iowa from 1846 to 1858, has already been edited and is now ready for the printer.

DOCUMENTARY HISTORY OF POLITICAL PARTIES.

This publication will contain material illustrative of the history of political parties in Iowa, beginning with the territorial period in 1836. Copy for the first volume will soon be placed in the hands of the printer.

BIBLIOGRAPHIES.

Recognizing the importance and value of accurate bibliography in connection with historical research, The State Historical Society of Iowa has directed the compilation of the following bibliographies:—

1. *A Bibliography of Iowa State Publications.* Three installments of this bibliography have already appeared in *The Iowa Journal of History and Politics.*

2. *A Bibliography of Iowa Public Documents.*

3. *A Bibliography of the Scientific Literature of Iowa.*

These bibliographies will be published as soon as the funds of the Society will permit.

IOWA BIOGRAPHICAL SERIES.

The State Historical Society of Iowa has planned to publish an *Iowa Biographical Series* which will contain brief biographies of men whose names occupy a prominent place in the history of Iowa. The Society plans to issue several numbers of this series during the coming year.

ANTHROPOLOGICAL PAPERS.

Following the publication of an article by Dr. Duren J. H. Ward in Volume I of *The Iowa Journal of History and Politics* on *Historico-Anthropological Possibilities in Iowa*, the following anthropological papers have been published during the last biennial period:

SOME IOWA MOUNDS—AN ANTHROPOLOGICAL SURVEY,

By Duren J. H. Ward.

FIRST YEARLY MEETING OF THE IOWA ANTHROPOLOGICAL ASSOCIATION,

By Duren J. H. Ward.

THE PROBLEM OF THE MOUNDS,

By Duren J. H. Ward.

SECOND YEARLY MEETING OF THE IOWA ANTHROPOLOGICAL ASSOCIATION,

By Duren J. H. Ward.

Another article, entitled *Some Additional Mounds*, by Dr. Duren J. H. Ward, will be published in the near future. The Society will also publish the results of the anthropological investigation of the Musquakie Indians at Tama, Iowa, which is now being conducted by Dr. Ward under the direction of the Society.

BULLETINS OF INFORMATION.

In order to meet the demands for information along certain lines of historical interest, the society has begun the publication of a series of *Bulletins of Information*. In this series the following numbers have been issued:—

Bulletin of Information No. 1, April, 1904, entitled, *Provisions for Membership in The State Historical Society of Iowa*.

Bulletin of Information No. 2, May, 1904, entitled, *An Iowa Program for Study Clubs*.

Bulletin of Information No. 3, July, 1904, entitled, *Suggestions to Public Libraries and Local Historical Societies Relative to Collecting and Preserving Materials of Local History*.

Bulletin of Information No. 4, June, 1905, entitled, *Suggestions to Local Historians in Iowa*.

X.THE LIBRARY.

The State Historical Society of Iowa has always maintained a library of books, pamphlets, and manuscripts for the use of those who are interested in the study of Iowa history. The Library is now located on the third floor of the Hall of Liberal Arts at Iowa City. The removal to these fireproof quarters was made in September, 1901. At present the library is much crowded, but it is hoped that additional space may be secured adjoining its present rooms so as to afford reasonable accommodations until the time has arrived for the erection of a building by the State for the use of The State Historical Society of Iowa. It is the aim and purpose of the Society to collect and place in the library materials relating to Iowa and American history. The books and pamphlets have been accessioned and systematically arranged and classified. For the collection of such titles as should be found in an historical library the Society now employs a collector who devotes his entire time to the collection of books and pamphlets.

XI.

THE INDUSTRIAL HISTORY OF IOWA.

Recent years have been characterized by a large interest in the industrial history of mankind. Schools of Commerce have been established; courses on commerce and industry have become a part of the curricula of universities; and today an industrial history of the United States is being compiled under the direction of the Carnegie Institution of Washington, D. C.

In touch with these movements, The State Historical Society of Iowa has taken steps looking toward the preparation and publication of a series of monographs or volumes along the line of the industrial history of Iowa. When issued these studies will perhaps appear under some such title as *The Industrial History of Iowa*.

XII.

THE MU-SQUA-KIE INDIAN INQUIRY.

In accordance with the purposes of the Society and the intent of the appropriations made by the Thirtieth General Assembly, the Board of Curators resolved in June, 1905, to undertake a scientific investigation of the Mu-squa-kie Indians at Tama. These Indians (popularly known as the Foxes) are a remnant of a once powerful tribe from whom the United States purchased much of the land which goes to make up the State of Iowa. The Mu-squa-kie Indians, numbering at present 342 souls, are a peaceful people who own the land on which they live. Their history is an important part of the history of our Commonwealth.

The preliminary steps in the investigation of the Mu-squa-kie Indians have been taken by Dr. Duren J. H. Ward under the auspices and at the expense of the Society. The field of study thus opened up is as rich as it is extensive. But for the proper prosecution of the investigation more funds will be required than are now at the disposal of the Society.

XIII.

RECOMMENDATIONS.

In conclusion the Board of Curators respectfully submits for consideration the following recommendations:

First. That \$7,500 be added to the permanent annual support of the Society.

Second. That a special appropriation of \$4,000 be made for an Industrial History of Iowa.

Third. That a special appropriation of \$4,000 be made] for further prosecution of the Mu-squa-kie Indian investigation.

The State University of Iowa

IOWA CITY

Twenty-Fourth Biennial Report

OF THE

BOARD OF REGENTS

TO THE

GOVERNOR

AND THE

THIRTY-FIRST GENERAL ASSEMBLY

1903-1904 and 1904-1905

PRINTED BY ORDER OF THE GENERAL ASSEMBLY.

DES MOINES
BERNARD MURPHY, STATE PRINTER
1905

LETTER OF TRANSMITTAL.

THE STATE UNIVERSITY OF IOWA, }
OFFICE OF THE SECRETARY OF THE REGENTS. }
IOWA CITY, IOWA, October 15, 1905. }

To His Excellency, HON. ALBERT B. CUMMINS,
Governor of Iowa:

SIR,—I have the honor herewith to submit the biennial report of the Board of Regents of the State University of Iowa for the years 1903-1904 and 1904-1905, as provided by law, Code 1897, section 2641.

Very respectfully,

WILLIAM J. MCCHESENEY,
Secretary of the Board of Regents.

TABLE OF CONTENTS.

	PAGE
Letter of Transmittal.....	3
The Board of Regents.....	8
Standing Committees of Regents.....	9
Administrative Officers.....	10
Report of the Board of Regents.....	13
Progress of the University.....	13
Buildings.....	14
Laboratories.....	15
The College of Law.....	16
The College of Applied Science.....	16
Alumni.....	17
Repairs and Improvements.....	17
University Y. M. and Y. W. O. A.....	18
University Commencements.....	19
Exhibit Louisiana Purchase Exposition.....	19
Dental and Medical Alumni Clinics.....	19
Graduate College.....	19
Summer Session.....	20
Policy of Developing Departments in Colleges Co-extensive with the University...	20
The Hospitals.....	21
Land Purchases.....	21
Design to Control Extensions.....	22
The Dam.....	24
Treasurers Accounts and Lands.....	24
Needs of the University.....	24
Millage Tax.....	25
Increase of Support Fund.....	26
Purchase of Land.....	26
Extension of Hospital.....	27
Engineering Shops and Hydraulic Power House and Connection.....	27
Equipment for Natural Science Hall.....	28
General Equipment and Supplies.....	28
Libraries.....	29
Repair and Contingent Fund.....	29
Paving and Sidewalks.....	29
New Boiler.....	29
Summary of Appropriations Asked.....	30
Report of President.....	31
Attendance.....	33
Quality of Attendance.....	34
New Buildings and Campus.....	35
The University's Inner Prosperity.....	35
Needs—Increase of Instructors and Salaries.....	36
Excerpts from President's Annual Report, 1903-1904.....	39
Attendance, 39, Analysis of Attendance, 40; Graduate College, Increase 40;	
Summer Session, Increase, 40; Increase of Women Students, 40; Flexibility of	
Entrance Requirements, 41; Approved Homes, 41; School of Music, 41; The	
Unfolding University, 42; Legislative Results, 45; One Modern University,	
45; Building Era, 46; Library School, 47; University Extension, 47; Publica-	
tions, 47; The Hospitals, 47; Homeopathic Hospital, 47; Nurses' Training	
Schools, 48; Homeopathic Nurses' Training School, 48; Graduate College, 48.	

	PAGE.
Excerpts from President's Annual Report, 1904-1905.....	50
Business Side, 50; University Professorships, 50; State-Wide Co-ordination, 50;	
State Bacteriological Laboratory, 50; Gifts, 51; Unification of the School	
System, 51; Inspection of Schools, 51; State Geological Survey, 52; Manifold	
State Service, 52; Alumni Clinics, 52; Conventions at the University, 52; Hospi-	
tals and Clinics, 52; State Historical Society, 53; Revision of Courses of Study,	
53; School of Political and Social Science, 54; School of Applied Science, 54;	
Student Movements, 55; Instruction in Music Demanded, 55; Student Morals,	
55; University Y. M. and Y. W. C. A., 55; Rhodes Scholar, 55; Homes for	
Students, 56; "Iowa Alumnus" and Alumni, 56; Physical Training, 56;	
Enlarged Campus, 57; Spirit of Co-operation, 57.	
Report of the Secretary	59
Total Receipts and Expenditures for Biennium, 1908-1905.....	61
Receipts, 1908-1904.....	62
Disbursements, 1908-1904.....	63
Receipts, Income Fund, 1908-1904, itemized.....	64
Disbursements, Income Fund, 1908-1904, itemized	65
Expenditures, Income Fund, 1908-1904.....	65
University Hospital Account, 1908-1904	76
University Homeopathic Hospital Account, 1908-1904.....	77
Dental Clinics, 1908-1904.....	78
Law Loan Book Account, 1908-1904.....	78
Alumni Book Account, 1908-1904	78
Library Tax Fund, 1908-1904.....	78
Permanent Land Endowment Fund, 1908-1904.....	80
Donated Land Fund, 1908-1904.....	80
Special Land Fund, 1908-1904.....	80
One-Tenth of a Mill Building Tax Fund, 1908-1904	82
One-Fifth of a Mill Building Tax Fund, 1908-1904.....	82
Natural Science Building Fund, 1908-1904.....	86
New Medical Building Fund, 1908-1904.....	86
Equipment Fund, New Medical Buildings, 1908-1904.....	87
Repair and Contingent Fund, 1908-1904.....	87
A. Whitney Carr Free Scholarship Principal Fund, 1908-1904.....	88
A. Whitney Carr Free Scholarship Income Fund, 1908-1904	88
F. O. Lowden Oratory Prize Fund, 1908-1904.....	88
F. O. Lowden Oratory Prize Income Fund, 1908-1904	89
William Jennings Bryan Prize Fund, 1908-1904.....	89
William Jennings Bryan Prize Income Fund, 1908-1904.....	89
Receipts, 1904-1905.....	90
Disbursements, 1904-1905.....	91
Receipts, Income Fund, 1904-1905, itemized	92
Disbursements, Income Fund, 1904-1905, itemized.....	93
Expenditures, Income Fund, 1904-1905.....	93
University Hospital Account, 1904-1905	105
University Homeopathic Hospital Account, 1904-1905.....	105
Dental Clinic Receipts, 1904-1905.....	106
Law Loan Book Account, 1904-1905.....	106
Alumni Book Account, 1904-1905.....	106
Library Fund, 1904-1905.....	106
Permanent Land Endowment Fund, 1904-1905	109
Donated Land Fund, 1904-1905.....	109
Special Land Fund, 1904-1905.....	110
One-Fifth of a Mill Building Tax Fund, 1904-1905.....	111
Natural Science Building Fund, 1904-1905.....	122
New Medical Buildings Fund, 1904-1905.....	122
Equipment Fund, New Medical Buildings, 1904-1905..	123
Gymnasium and Armory Fund, 1904-1905.....	124
Engineering Building Fund, 1904-1905.....	124
Tunnel and Extension Fund, 1904-1905.....	124

TABLE OF CONTENTS.

7

	PAGE.
Paving and Sidewalk Fund, 1904-1905	125
Equipment and Supplies Fund, 1904-1905	125
Repair and Contingent Fund, 1904-1905	127
A. Whitney Carr Free Scholarship Principal Fund, 1904-1905	127
A. Whitney Carr Free Scholarship Interest Fund, 1904-1905	127
F. O. Lowden Oratory Prize Fund, 1904-1905	128
F. O. Lowden Oratory Prize Interest Fund, 1904-1905	129
William Jennings Bryan Prize Fund, 1904-1905	129
William Jennings Bryan Prize Interest Fund, 1904-1905	129
Report of the Treasurer	131
Balances, June 30, 1903	133
Receipts, 1903-1904	133
Receipts, 1904-1905	134
Disbursements, 1903-1904	136
Disbursements, 1904-1905	136
Balances, June 30, 1905	137
Assets, June 30, 1905	137
Report of the Registrar	139
Summary of Registration, 1903-1904	141
Summary of Registration, 1904-1905	144
Degrees Conferred	147
Residence of Students	148
Residence of Iowa Students by Counties	149
Place of Birth of Students	150
Ages	151
Occupation of Parents	153
Preparation	153
Religious Statistics	153
Religious Denominations	154

THE BOARD OF REGENTS.

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His Excellency, ALBERT B. CUMMINS, *Governor of Iowa*

JOHN F. RIGGS,

Superintendent of Public Instruction

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SIXTH DISTRICT—WILLIAM D. TISDALE, *Ottumwa*

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SECOND DISTRICT—JOE R. LANE, *Davenport*

SEVENTH DISTRICT—CARROLL WRIGHT, *Des Moines*

TERMS EXPIRE 1908

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ELEVENTH DISTRICT—PARKER K. HOLBROOK, *Onawa*

TENTH DISTRICT—JOSEPH H. ALLEN, *Pocahontas*

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PARKER K. HOLBROOK

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JOE R. LANE..... DELEGATE TO THE UNIVERSITY SENATE

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 ELMER ALMY WILCOX, B. A., Secretary of the University Senate.
 JOHN FRANKLIN BROWN, Ph. D., Inspector of Schools.
 THOMAS HUSTON MACBRIDE, Ph. D., Director University Extension.
 WILLIAM CRAIG WILCOX, M. A., Secretary University Extension.
 HERBERT CLIFFORD DORCAS, M. A., University Examiner and Register.
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 FRED COLLINS DRAKE, B. Ph., Secretary to the President and University Editor.
 JOHN GEORGE CHALMERS, B. A., Director of Physical Training.
 MARY SLEIGHT EVERTS, Acting Dean of Women.

SENATE BOARDS.

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 COMBINED COURSES—Professors Currier, Loos, Royal, Hosford, E. A. Wilcox, Bierring, Teeters, Rockwood, Houser.
 INTER-COLLEGIATE ORATORY AND DEBATE—Professors Gordon, W. C. Wilcox, Gilbert, Ansley, Patterson.
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 MUSIC—Professors Seashore, Gilchrist, Gordon, Prentiss, van Steenderen.
 PUBLICATIONS—Professor Macbride, the President, Professors Loos, Becker, Gilbert, Houser, Raymond, Wilson.
 SECONDARY SCHOOLS AND ENTRANCE EXAMINATIONS—Professors Calvin, Bolton, Shimek, Brown, Wilder, Dorcas, Magowan.

THE COLLEGES

AMOS NOYES CURRIER, LL. D., Dean of the College of Liberal Arts
 CHARLES NOBLE GREGORY, LL. D., Dean of the College of Law.
 JAMES RENWICK GUTHRIE, M. D., Dean of the College of Medicine.
 GEORGE ROYAL, M. D., Dean of the College of Homeopathic Medicine.
 WILLIAM SUITS HOSFORD, D. D. S., Dean of the College of Dentistry.
 WILBER JOHN TEETERS, Ph. C., Dean of the College of Pharmacy.

LÉNAS GIFFORD WELD, M. A., Dean of the Graduate College.
ISAAC A. LOOS, D. C. L., Director of the School of Political and Social Science.
WILLIAM G. RAYMOND, C. E., Director of the School of Applied Science.
FREDERICK E. BOLTON, PH. D., Director of the Summer Session.
ANDREW A. VEBLEN, M. A., Secretary of the Faculty of the College of Liberal Arts.
ELMER ALMY WILCOX, B. A., Secretary of the Faculty of the College of Law.
WALTER LAWRENCE BIERRING, M. D., Secretary of the Faculty of the College of Medicine.
WILLIAM LE CLAIRE BYWATER, M. D., Secretary of the Faculty of the College of Homeopathic Medicine.
ARTHUR FAIRBANKS, PH. D., Secretary of the Faculty of the Graduate College.

THE HOSPITALS

WILLIAM R. WHITEIS, M. D., Director of the University Hospital
BERTHA WILKINSON, Graduate Nurse, Principal of the Training School for Nurses, College of Medicine.
WILLIAM LE CLAIRE BYWATER, M. D., Director of the Homeopathic Hospital.
ELVA M. DUNHAM, Graduate Nurse, Superintendent of the Training School for Nurses, and the Homeopathic Hospital.

THE LIBRARIES AND MUSEUMS

MALCOLM GLENN WYER, B. L. S., Acting Librarian in Charge.
MERTON LEROY FERNON, LL. B., Law Librarian.
CHARLES CLEVELAND NUTTING, M. A., Curator of the Museum of Natural History.
BOHUMIL SHIMEK, M. S., Curator of the Herbarium.

REPORT OF THE BOARD OF REGENTS.

To His Excellency, HON. ALBERT B. CUMMINS, Governor of Iowa.

SIR--The Board of Regents of the State University of Iowa, beg leave to submit to you the biennial report covering the period from July 1, 1903, to June 30, 1905. They incorporate as a part of the report, the report of the President of the University, and the report of the Secretary of the Board of Regents, of the Treasurer, and of the Registrar.

PROGRESS OF THE UNIVERSITY.

The progress of the University has been steady and along the lines of policies which have been adopted through a series of years and approved by successive legislatures. It is believed that the outlook of the University at the present moment is the most encouraging in its history. In this more specifically regents' part of the report, we deal with a few of the more prominent financial and material matters of the institution, gladly rendering an account of our stewardship of the funds committed to us by the state. We believe that the results shown will encourage the General Assembly to recognize the needs of the institution which has been fostered, with a few exceptions, by increasing liberality, particularly by recent Assemblies. We felicitate ourselves upon the commendations of the Board of Control in the third biennial report (pages 122-123), and think that more than ever they will be able to say as they did, "the financial and business affairs of the University have been managed with fidelity and care and to the best interests of the University." The two suggestions of the Board, the one as to the system of purchases of supplies in larger quantities at the lowest price obtainable, and the other, that all moneys received should be paid to the secretary before passing them over to the treasurer, to see that entries of such transactions are made in the proper accounts, have been followed.

BUILDINGS.

In the extreme need for enlarged accommodations for the electrical engineering department, the old boiler house was ordered repaired at an expense not exceeding \$675, and the building was devoted to electrical engineering as a makeshift.

The recommendations of the building committee, adopted by the regents, January 8, 1904, brought to a happy conclusion the agitation of several years' standing as to the order in which buildings should be erected. The agitation was natural, as the demands for new buildings were so pressing and the claims of each so meritorious. This was particularly true as to an assembly hall and gymnasium, and a fireproof building to house the valuable museums and libraries. In accordance with the action of the board, the armory and athletic pavilion, to be temporarily used as a gymnasium, constructed in a substantial manner of brick, at a very modest cost, with furnishings, of about \$36,000, was completed and opened February 22, 1905. The building gives complete satisfaction, and it is considered marvelous that so much could be accomplished with the sum of money used.

In accordance with the decision of the board at the date above mentioned, the contracts have been let for the erection of a fireproof building, of the general size and style of the Hall of Liberal Arts. This building has been planned after the careful consideration of museum buildings for natural science collections, to be ultimately wholly used as one of the most modern halls of natural science, while temporarily the library and assembly hall will find a home within the building in order to alleviate the distress for a proper library building and a proper assembly hall.

By this action the board has met the most pressing needs in these directions in the shortest possible time without wasting anything in mere temporary construction. This combined building, now in process of erection and above the second story, already justifies itself in the eyes of all beholders in its style of architecture and location, giving promise of a substantial and appropriate front in connection with the Old Capitol and the Hall of Liberal Arts for the Old Capitol campus.

In accordance with the action of the last General Assembly, making special appropriation of \$50,000 toward an engineering building, the regents provided, June, 1904, for a committee rep-

representing the regents and faculty, to visit certain colleges to examine the engineering buildings with a view to determining the character of the engineering building which should be constructed. As a result of the studies and report of this committee, the board adopted plans and specifications for the first part of a building which will ultimately give for the College of Applied Science one of the most complete and modern buildings of the kind for education. Ultimately the board decided that this building should be substantial, fireproof, and of stone, in accordance with the general policy recently followed by the board and commended by the sentiment of legislators. The building is adapted to instruction of the highest, or university, grade of work in the subjects concerned and for the individual instruction of the students. The walls of the building are substantially completed, and it is hoped that it may be in use during this academic year.

In order to complete the Hall of Natural Science, give space needed, and to have the building symmetrical with its companion building, the Hall of Liberal Arts, it became necessary to remove the old science building. It has been removed without any appreciable damage from its site on the Old Capitol campus across the street to the northwest corner of Capitol and Jefferson streets. This noteworthy feat has been accomplished at a relatively small expenditure, considering the value of the science building, and the building becomes more useful than ever with greatly enlarged facilities in the basement.

The delay in the erection of a gymnasium proper made it necessary to rent quarters for a women's gymnasium. The importance and growth of work in the instruction of women in physical training made it impossible to use longer the small basement in the Hall of Liberal Arts. The basement of Close Hall, rented by the regents and equipped with baths at their expense, bridges over the present necessity.

LABORATORIES.

In accordance with the action of the last General Assembly establishing the state bacteriological laboratory at the University, under the control of the State Board of Health, there has been the best possible co-operation between the State Board and the regents. Quarters have been provided in the new medical laboratory building, and the regents co-operate with the Board of Health in furnishing the equipment, which in turn is

of use in economy and instruction in the College of Medicine.

In the development of the laboratories of the University, so useful for the practical service of the State and to carry out the modern methods of instruction, there has been established the laboratory of pharmacology, and it has been housed temporarily in the new medical laboratory building.

The laboratory of surgical mechanics has been established in a part of the Clinton Street building.

THE COLLEGE OF LAW.

A blow was given to the College of Law by the action of the Twenty-ninth General Assembly, which has been construed by some without any judicial procedure so that Judges H. E. Deemer and Emlin McClain, of the supreme court, resigned their lectureships in the College of Law. The regents have gone as far as they could to repair the evil in electing Judges McClain and Deemer honorary professors of jurisprudence and requesting them to deliver such lectures as they may be able to give in connection with their other duties. These judges without compensation have given short courses of lectures, but it is still a source of loss to the State and regret at the University that these among the most distinguished instructors in law in the land, may not give more extended services, since it would seem that their preparation makes it possible for them to do so without limiting their services upon the supreme bench. It is hoped that the General Assembly may pass some specific act in these cases.

The lectures secured from Judge Towner have helped to fill the gap.

THE COLLEGE OF APPLIED SCIENCE.

Engineering, included in the original plans of the University and slowly developing for many years in response to the demand for increased facilities in engineering education, fostered as rapidly as the meagre funds given to the University would permit, especially in recent years, but suffering from losses by fire, was more fully recognized by the organization of the School of Applied Science. This school has so thriven under its first director, Laenas G. Weld, that it seemed wise to give it a full college organization. Professor Weld, already burdened with the headship of the great department of mathematics and deanery of the Graduate College, had repeatedly sought to withdraw, and it became necessary to select a new leader. With

great care after extensive search, Professor William Galt Raymond was selected and persuaded to come from the Rensselaer Polytechnic Institute of Troy, N. Y., in September, 1904. The rapid progress of the school under his vigorous administration, with the impulse given to it by the last legislature in its special appropriation for a building and dam, and the increased attendance of students and additions to the faculty, justified the organization of the College and the promotion of Mr. Raymond to be its dean. An able staff has been associated with him in the departments of steam and mechanical engineering, of descriptive geometry, of electrical engineering, superintendence of shops, and a second professor has been added, the new head of the department of physics.

ALUMNI

In a large sense, the most useful publication for university purposes for the period is that of the "*Alumni Register*," prepared by a committee of the alumni who gave their services, after extensive correspondence and upon the basis of a card catalogue prepared freely through a series of years by Miss Alice B. Chase. The regents, in order that they might have copies of this catalogue and the benefits generally of it, made a small contribution to be expended for printer's work and supplies.

REPAIRS AND IMPROVEMENTS.

In order to make the hospitals so far as their construction will permit aseptic, and to keep them renovated and cheerful, from time to time considerable expenditures have been made in the way of repairs in the summers of 1903 and 1904.

The university hospital is connected with the Iowa City Electric Light Company, so that it is now possible to have the most delicate operations performed, when emergency arises, with the advantage of electric light.

The central heat, light and power plant, with connecting mains and tunnels, has received close attention and been enlarged and improved in the interests of the utmost economy. The addition of the new buildings has called for the addition of two new boilers to the battery of boilers. The coal bunkers attached to the rear of the power plant have made it possible for such a reasonable and safe storage of coal to be made as to pre-

vent a coal famine, and the construction has been most timely in connection with the interruption of transportation due to storms or strikes.

On account of the inadequacy of the appropriation by the Thirtieth General Assembly of \$10,000 for tunnel and extension, the regents being obliged to heat the two new medical buildings and the armory, conduits for electric wiring and wood casing for steam pipe connections had to be used. These conduits were in place of proper tunnels. The extension of the original brick tunnel was made with a concrete tunnel from the entrance of the old brick tunnel to the old Capitol, and the conduits make the extension from the point of connection with the new Hall of Natural Science. The best kind of this cheap construction to which the regents were driven was used and is serving its purpose very well at present. This year, in the interest of economy, the conduit has been extended so as to connect with the central heating plant the homeopathic hospital, chemical laboratory, and University hospital. This does away with the local plants and reduces the number of employes.

No small appropriation of the legislature has given further or more immediately visible improvement than that of \$8,000 for paving and sidewalks. The south front of the University on Washington street from the west line of Clinton street to the west line of Capitol street has been paved and a cement sidewalk laid. The hospital campus has had cement walks laid across it, and cement walks on its south and west sides, together with curbing and preparation for paving a driveway across this campus. The new walks to the medical building could only partially be laid in cement. The fund was insufficient to make other than temporary wooden walks to the new armory or to put in much needed permanent walks on the Old Capitol campus.

UNIVERSITY Y. M. AND Y. W. C. A.

The University Y. M. and Y. W. C. A. have become increasingly effective in the way of maintaining a free employment bureau, canvassing the city to learn of work for students, and in securing lists and data regarding rooms and board. They have also acted in behalf of the University in meeting incoming students at the trains and guiding them about the town.

UNIVERSITY COMMENCEMENTS.

Indicative of the coalescence of the different colleges in one University, is the success of the common commencement for all colleges. The commencements have become historic events with noteworthy addresses, by United States Senator George Frisbie Hoar in 1903, on "American Citizenship;" in 1904 by the Hon. George D. Perkins, on "Education as Related to Life;" and by Charles Warren Fairbanks, Vice-President of the United States, in 1905, on "A Chapter of American History."

EXHIBIT, LOUISIANA PURCHASE EXPOSITION.

Despite the fact that no appropriation was received from the legislative World's Fair Commission, and that the regents lacked funds that they could use for such a purpose, largely by the voluntary services of different members of the University and the use of certain illustrative material on hand, while the University had no exhibit in the proper sense of the term, the excellence of the University so far as it was shown, has caused the award of a silver medal.

DENTAL AND MEDICAL ALUMNI CLINICS.

The establishment of these annual clinics, the first the dental clinic early in 1904, and the medical clinic in May, 1905, is indicative of the spread of the spirit of the practical service of the State upon the part of the University. The dentists and physicians from all parts of the State attending in force, and not less than two hundred at each meeting, learn of the latest in their professions and bring their contributions from their experience to reinforce the theoretical instruction at the University.

GRADUATE COLLEGE.

The Graduate College, established in 1900, has continued to prosper and to fulfill its mission as a nucleus of genuine university development, not only for different colleges of the University, but for the other colleges of the State. With the approval of the presidents of some "standard" colleges of the State, a system of scholarships in these standard colleges, as proposed

originally by Regent Babb, and approved by the graduate council in 1902, and adopted by the regents in 1904, has been established. By this means one scholarship in the Graduate College of the University was established for the benefit of the graduates of each of the standard colleges of Iowa. The majority of these colleges have been able to meet the standards of preparation for such graduate students and have enjoyed these scholarships.

It is thus possible not only that graduates of the University at Iowa City, but of the other institutions, who are gifted and deserving, should receive the advantages of highest education within the State.

SUMMER SESSION.

The two summer sessions of the University, continuing six weeks from the time of the June commencements, have not only maintained the steady increase in attendance which has marked the summer session since its establishment in 1900, but have especially increased in value in the quality of the preparation and work of the students and school men attending. Heads of departments in the University, occasionally assisted by the heads of departments in sister institutions, have for the most part carried the work, and upon a university grade. Many of the school men of the state have been attendants, and there is a high degree of enthusiasm. The last vestige of the summer session as a summer *school*, has disappeared, and it is now properly recognized as a prolongation of the time of instruction in the graduate and liberal arts colleges.

There is beginning to be a call for instruction in some of the professional schools; indeed, such instruction on the graduate basis was given by the department of anatomy in the College of Medicine.

POLICY OF DEVELOPING DEPARTMENTS IN COLLEGES CO-EXTENSIVE WITH THE UNIVERSITY.

In accordance with the policy of securing greater efficiency and economy, several departments in the University have been combined. Where formerly there were professors and assistants on part time in several colleges, a university professor has risen who has been allotted as occasion might require to work in the different colleges. Duplication, therefore, has been reduced to

a minimum, the educational work has been laid out with uniform purpose, and economy of administration secured. Prominent illustrations of this are the union under one head of the departments of chemistry in the College of Liberal Arts and the Colleges of Medicine and of Pharmacy. The separate departments of animal biology and zoology have similarly been combined, and for the present at least, the former separate departments of anatomy and histology. The department of geology embraces that of mining and metallurgy, as in turn naturally, the department of botany includes that of forestry.

THE HOSPITALS.

The two University hospitals have been crowded as never before, but have made their best financial, as well as professional and educational record. So great was the pressure upon the hospital of the College of Medicine that it became necessary to lease a house for the nurses' home. It never was desirable that the nurses should be housed in the same building with the patients. The cottage secured for the purpose is in turn so overcrowded that again it has become necessary to have some of the nurses in the hospital, and a second cottage needs to be rented for the nurses and the maternity cases. The rooms vacated by the nurses in the third story of the hospital have been adapted to hospital uses, and still the capacity of the hospital is totally insufficient.

LAND PURCHASES.

The appropriation of the Thirtieth General Assembly of \$25,000 for purchases of additional land to enlarge the campus was expended as shown in the Secretary's report, at pages 80 and 110. It would have resulted in economy as well as great convenience if the total \$50,000 asked from the last legislature had been granted, as there is constant appreciation in the value of lands, particularly about the University. The development of the plans for the enlargement of the campus have been retarded, but what has been accomplished confirms the wisdom of all the appropriations made, and it is now apparent that further appropriations for land should be made.

In October, 1904, the building committee of the regents appointed a committee consisting of the Superintendent of Grounds and Buildings, Professor Raymond, the President of

the University, and Professor Macbride, to prepare some plan for ornamenting the campus and grounds, and to submit the same to the next meeting of the Board. This committee soon found the need of expert advice, and the Board employed Olmsted Brothers, landscape architects, of Brooklyn, Mass. Mr. John C. Olmsted visited the University and spent some time studying the campus and environs. The report of Olmsted Brothers is such a valuable contribution, outlining plans for the future arrangements of the grounds and buildings, that the regents ordered it printed.

The first demand of the report is for the acquisition of more land. It is recommended that the "policy should be for the University to acquire gradually as opportunity occurs, the three blocks of land south of Iowa Avenue and east of Clinton street, several blocks of land on both sides of Capitol street and Clinton street north of Jefferson street, the block of land west of Clinton street and south of Washington street, the remainder of the block west of Capitol street and south of Washington street, the two blocks of land west of Madison street and south of Washington street, and north of Iowa Avenue to the river.

"In addition to the above described tracts of land, the University should acquire from eighty to one hundred and sixty acres or more of land west of the river, from the Burlington Street bridge northward, partly for the preservation of the landscape and partly as reserve sites for such state institutions as can desirably be affiliated with, or located near, the University, and which, being self-contained, would not necessarily as a matter of convenience need be located in the midst of the city.

DESIGN TO CONTROL EXTENSIONS.

"While the acquisition of the above-mentioned land will be exceedingly desirable, merely from the general motive of providing for future necessary buildings, it should be constantly recognized that the acquisition of land, and the assignment of it for special buildings ought to be controlled by definite motives of design. The various classes of buildings should be grouped together according to their uses and also in suitable relation to the nucleus of the University which must ever be the Old State Capitol." * * *

"To any architect it would be obvious that future buildings outside of the Old Capitol campus should be located along the sides of the axial avenues, running north and south and east of from the Old Capitol building. A considerable part of the land north of Iowa Avenue has already been acquired for University purposes, and the motive above suggested should lead to the acquisition of all the land on the south side of Iowa Avenue, although it is hardly to be expected that this process can be completed in the near future."

The report approves of the primary design for the location of

buildings in the Old Capital campus suggested when the liberal arts building was located by the Messrs. Van Brunt and Howe. The report points out how a park system and boulevards to be developed by the city may radiate from the University's enlarged and improved grounds. It is a pleasure to note that Iowa City has voted to have park commissioners and is preparing under the act of the legislature passed in 1902, to develop a park system, co-operating with the University and promising, with the present improvements afoot in the University, to give us one of the most beautiful university cities in the country. Indeed, already certain citizens of Iowa City have made a valuable gift of land on the river front adjacent on the south to the present University holdings, for the purpose of erecting a power house and hydraulic laboratory in connection with the new dam. This gift not only gives the most desirable location for the dam and extends the river front of the University, but preserves intact the athletic field.

The report of Olmsted Brothers, under the title, "Designs of Buildings," well says:

"The time is particularly opportune for this University to adopt desirable rules affecting the appearance of buildings, because they have but recently begun upon an era of building construction which is a great advance upon all that has been done by it previously in that line, with respect to magnitude, substantiality, fire resisting qualities, and architectural style. Four important buildings are already constructed or are under construction in one of the classic styles, and of which the exterior walls are made of Bedford limestone. This being the case, it seems to us obvious that not only the two proposed buildings southwest and northwest of the Old Capitol should be erected of the same material, and in the same style, but that all other important buildings recognized to be permanent, should also be built of the same material and in the same style. If particular cases arise in which it should be thought that this rule would involve too great expense, we believe that the proposed building should either be reduced in size to bring it within the appropriation, while conforming to the rule, or else that the building should be made frankly temporary in appearance with respect at least to its exterior walls. If the walls are built of brick, the brick should be of cheap quality and there should be no attempt at decorative architectural detail, either by means of stone trimmings or elaborate cornices, porticoes, and other features."

The report deals also with the future buildings which will be required, and makes suggestions as to their location upon what will be one of the most beautiful and compact campuses in America.

THE DAM.

The appropriation of \$10,000 by the last General Assembly for a dam and water power makes necessary, in order to use the bare dam, and as was understood by the last legislature, a further appropriation for a power house and hydraulic laboratory and for the transmission of the power to the University buildings. The gift of land above alluded to and the stimulus of the Iowa City Park Commission are not the only signs of immediate results of the legislature's wisdom in starting the dam improvement. The committee of the Iowa City Commercial Club appeared before the regents in January, 1905, and intimated that they believed the citizens of Iowa City were ready to fulfill any proper conditions suggested by the regents. The regents requested that the citizens, as a condition of building the dam, secure a release for the regents from all property holders who may be damaged by the construction of the dam at the place designated, or the filing of a bond or other agreement, by which they will agree to pay any damages that may accrue to the property holders by reason of the construction of the dam. The citizens have filed a bond to the effect required, which has been accepted as satisfactory by the regents. The spirit of co-operation on the part of Iowa City with the regents is one of the hopeful signs of the times.

TREASURER'S ACCOUNTS AND LANDS.

The auditing committee of the Board of Regents, in the two annual reports made after thorough scrutiny, find the Treasurer's accounts carefully kept. They say the securities seem to be good and satisfactory in every case. They requested the Treasurer to furnish a list of all the lands now belonging to the University, and also a list of all the lands belonging to the University that are rented, showing the rents received. These lists have been printed, so as to be easy of reference and access in the record of the Board of Regents, 1905.

Contracts have been made with the banks whereby the University receives 2 per cent interest on daily balances in bank.

NEEDS OF THE UNIVERSITY.

Having set forth at some length the present condition of the University, the progress made by it during the past two years, and the use made by us of the funds committed to our care by

the State, we would briefly set forth the more imperative needs and demands of the University which require appropriations and aid from the State at this time.

MILLAGE TAX.

The present millage tax of one-fifth mill annually for the erection of buildings will expire in 1907. To show that it is imperative for the growth and prosperity of the University that this tax should be extended, it is only needed that we should enumerate the buildings which are so imperatively required to supply its wants at this time, and which will require for their erection much more than can be raised by a one-fifth mill tax for five years beyond the period already provided for. Without elaboration at all as to the needs for the buildings mentioned, any one familiar with the University will readily concede that the erection of such buildings in the immediate future is an absolute necessity.

A building for the College of Law, which is now crowded into the second story of the Old Capitol building, without any adequate library facilities or other things to enable it to do its work.

An Assembly Hall of sufficient capacity to contain the whole body of students, which is temporarily provided for in the new science building, but which can only be occupied for this purpose for a very brief period.

Making fireproof the Old Capitol building.

A library building.

Extension of the engineering building.

Chemical laboratory.

Astronomical observatory.

Building for gymnasium, temporarily housed in the building designed for athletics and armory uses.

Woman's building, to provide a home for women students.

Commons for men, where substantial and wholesome board can be secured at cost.

Buildings for geology, for botany, and also for physics, together with a number of other important structures, will be needed in the near future.

It will readily be seen that the demands for these buildings will more than exhaust an extension of the millage tax for a period of five years, and provision should be made for it at this

time to the end that plans for the erection of future buildings can be made looking to the erection of those most imperatively demanded, running through a series of years.

INCREASE OF SUPPORT FUND.

One of the most pressing needs of the University at this time is an addition to its support fund. The increase in number of students demands a corresponding increase in the number of instructors, and increase in the salaries of some of the professors and instructors is also demanded in order to prevent the continued loss of our best men and in justice to the devoted men who remain with us and are cramped in their means for development and study, and to enable us to secure the talent required to maintain University standards in its staff of instruction. A schedule will be submitted to the legislature which will show the requests of the departments, aggregating an increase of much more than \$50,000 annually for this purpose. The regents with regret have reduced and denied or postponed items, on account of other demands, until after the present General Assembly should meet. If the members of this assembly could have been present at our last meeting and seen the hardships caused by the want of proper funds, they would be more willing to give the sum asked at this time. In view of the many demands made upon the legislature, we have determined to cut down and ask the lowest possible sum which we believe is adequate to conduct the university on the plane that it should be. We therefore request that the support fund be increased \$35,000 annually each year hereafter.

PURCHASES OF LAND.

As has already been set out in this report, one of the most pressing needs of the University is increased land upon which to erect buildings in the future and to properly develop the University. We regard it highly important that these lands should be secured at the earliest possible day, as each year the lands adjoining the present University campus are increasing in value and it requires larger and larger appropriations in order to make the necessary additions. We therefore ask at this time an appropriation of \$50,000 for the purpose of purchasing additional lands and grounds.

EXTENSION OF HOSPITAL.

In enumerating the needs of the University for additional buildings, we said nothing in regard to the hospital, but the most imperative need is for increased room in our University Hospital. During the last two years it has not only been crowded, but a large number of patients were unable to be accommodated there. Patients have been turned away, the poor of the State have suffered for proper care, and the clinic and facilities for bedside instruction have been constricted. It is not scientific or humane to require the continuance of our present hardships. The medical college is increasing rapidly in the number of students, and the demands for increased clinics is the great crying want of that college. This can only be furnished by increased hospital facilities. The present hospital was constructed with a central or administration part and one wing, which makes provisions for about sixty-five beds. An additional wing of fireproof construction, which was originally contemplated in the design and plan of the building, is not only imperatively demanded but would cheapen the cost of caring for each individual patient and make the hospital self-supporting, aside from the building and heat. This is a matter which can not be longer delayed without great damage to the medical college and the loss of students to it, and cannot be provided for out of the millage tax as that is already anticipated to meet the payment on contract let for the erection of the natural science building. We have had careful estimates made by the architect as to the cost of such additional wing and equipment for the same, and find that it will require at least \$75,000. We therefore respectfully ask a special appropriation of \$75,000 for that purpose.

ENGINEERING SHOPS AND HYDRAULIC POWER HOUSE AND CONNECTION.

Another item of building which we do not enumerate in the list of buildings to be provided for by the future millage tax, is the engineering shops and power house in connection with the dam. Our reason for omitting these important items was their immediate importance and that it was unwise to defer their erection until they could be cared for by the tax. As has already been stated in this report, the special appropriation for the erection of an engineering building which was supplemented by

a small amount of millage tax, was used in the erection of a part of the main building, but shop room was not provided for and shops to be used in connection with that work are one of the necessities which demands immediate attention. Second only to the immediate enlargement of the hospital, comes the completion of what goes with the dam provided for by the last general assembly, and which will be completed this season. The investment in the dam is useless commercially and for educational purposes unless supplemented by an appropriation for the power house, and equipment of it and the connections for the transmission of power, all of which was asked for from the last general assembly but not provided for. The construction of the power house and its equipment, to be used in connection with the dam and the engineering shops, will cost \$35,000, for which an appropriation is asked at this time.

EQUIPMENT FOR NATURAL SCIENCE HALL.

The contract for the erection of the Natural Science building requires that it shall be completed by the first day of January, 1907, and from the progress made with the work we believe that its construction will be completed by the time named in the contract. Provisions must be made at once for the equipment of that building as that cannot be deferred until the building is completed. The orders for equipment must be placed early during 1906 to the end that they may be ready to be installed upon the completion of the building. The equipment of this building will be somewhat expensive, as it will involve a large number of expensive cases for the housing and care of the large and valuable museums which will find a home within its walls. In addition to this there will be the equipment in the way of cases for the library, chairs for the assembly room, and other equipment. The estimates made for the proper equipment of the building exceed \$40,000. We have asked an appropriation of \$35,000 for that purpose.

GENERAL EQUIPMENT AND SUPPLIES.

The law providing for the millage tax does not allow the regents to use any part of that tax for equipment and supplies for the buildings that are to be erected. There are no funds available for this purpose, and it will require at least \$10,000

during the coming year to furnish the necessary equipment for the engineering building and other buildings not provided for heretofore, and we ask an appropriation for that purpose.

LIBRARIES.

One of the most immediate needs connected with the University is its libraries. The last General Assembly made an appropriation for the biennial period of \$10,000 a year for the support of these libraries. This has been found to be barely sufficient for that purpose, and we think it would be the part of wisdom to make this appropriation an annual appropriation instead of special, and to make provision for \$10,000 annually for the support of the libraries in the University, and we ask appropriation for that purpose.

REPAIR AND CONTINGENT FUND.

The legislature has already provided for an annual repair and contingent fund of \$7,500. This should be increased \$2,500 annually. The last General Assembly was asked to grant \$10,000 annually, based upon the experience of our deficits in this fund. For a series of years the property of the University has not been properly cared for from lack of funds. The old buildings go down rapidly and the new buildings naturally add something for their ordinary care and protection. We are far below the per cent allowed by any business firm for the upkeep of our investment in buildings. This additional amount is imperatively needed for the proper care and preservation of the buildings committed to our keeping.

PAVING AND SIDEWALKS.

It will require an appropriation of \$5,000 to supplement the appropriation heretofore made in order to provide a proper fund for the necessary paving, sidewalks and grading which will be required during the year.

NEW BOILER.

As soon as the natural science building is completed and it becomes attached to the present heating plant, it will necessitate a new boiler in that plant of at least 300 horse power. The estimated cost of this is \$3,500, and we ask a special appropriation for the purchase of such boiler. This is one of the necessities that can not be deferred.

THE STATE UNIVERSITY.
SUMMARY OF APPROPRIATIONS ASKED.

CONTINUANCE OF MILAGE TAX FOR FIVE (5) YEARS.

Annual appropriations:

Increase of support fund	\$ 35,000
Support of libraries.....	10,000
Increase of repair and contingent fund.....	2,500

\$ 47,500

Special appropriations:

Purchase of additional lands.....	\$ 50,000
Wing for hospital and equipment.....	75,000
Engineering shops, hydraulic power house, power connection with dam, and equipment	35,000
Equipment for natural science building.....	35,000
General equipment and supplies.....	10,000
Paving and sidewalks.....	5,000
New boiler.....	3,500

213,500

Total.....\$ 261,000

We have now presented to you, and through you to the General Assembly, the condition of the University, and in connection with the report of the president and secretary, a full and detailed report of the expenditures during the biennial period, and what we believe to be the imperative and present needs of the university which demand at the hands of the legislature additional appropriations. In making this report we have at all times been conscious of the demands of different departments of the state for support, and have endeavored to curtail our requests to the lowest possible limit consistent with the growth and advancement of the University such as we believe the people of the state have a right to and do demand at this time. Iowa has a proud record in the past, and her people have a right to expect at our hands ample facilities for educating her children.

Respectfully submitted,

CHARLES E. PICKETT.
ALONZO ABERNETHY.
PARKER K. HOLBROOK.
W. I. BABB.
CARROLL WRIGHT.
J. W. LAUDER.
THOMAS B. HANLEY.
W. D. TISDALE.
V. L. TREYNOR.
JOSEPH H. ALLEN.
JOE R. LANE.

Regents.

Report of the President.



REPORT OF THE PRESIDENT.

September 26, 1905.

To the Honorable Board of Regents:

GENTLEMEN,—In accordance with the statute (Code of 1897, section 2641) I respectfully submit the following report technically covering the biennium from July 1, 1903, through June 30, 1905. You will be detained but by a brief review of significant facts and figures in the biennium in the light of the present moment. The body of the report will consist of excerpts from the annual reports of 1903-04, 1904-05, already presented to you, together with the excerpts from the reports of the heads of departments of instruction and administration.

ATTENDANCE.

The first fruits of the policies consistently followed by the board through a series of years are evident. In attendance the last year of the biennium has been the "banner year" in the history of the University, 1,560; without duplication; 167 more than the preceding year. The prospects of attendance in the year now opening give promise of still greater increase. The raised standards have been maintained. It is evident that the tide in attendance, as was indicated in the last biennial report, temporarily checked by the raising of standards, has turned, so that in due time we may satisfy the desires of many in having one of the biggest, as well as one of the best of universities.

The general enthusiasm concerning the institution is encouraging, and is expressed in the following printed interview with one of the most prominent alumni and citizens of Iowa.

"I believe that the State University has launched upon the opening of a new and most prosperous era. The entering class seems to be larger and more representative than it ever was during my time in college. It appears to me that instead of going east to school, as a large portion of the Iowa youth did before the last year or two, they have begun to realize that our own state possesses an institution of education equal if not superior to any college in the country. While in Iowa City this fall I met any number of

freshmen whose elder brothers had attended eastern universities. In most cases they had been given their choice of colleges and had decided upon the home university."

QUALITY OF ATTENDANCE.

A comparison of the figures in the registrar's report is indicative of much more than an increase in attendance. We are gaining in prominence as is shown by our attracting students whose residence is in a wider number of foreign countries and states—32 such countries and states in this biennium, as compared with 27 in the preceding. In Iowa we continue to draw from every county in the State, and have a wider range of place of birth—57 different states and foreign countries, as over against 48. In the age of the students we have a greater degree of maturity. There is a decidedly smaller number at the earlier ages, 16 to 19; a great increase in number between 20 and 30, and a remarkable increase in the number between thirty and forty, while the superior limit has fallen from a student of 61 to one of 51.

In the occupation of the parents there is a noteworthy increase in the children of farmers—783, while all occupations from laborer to those of the professions, including ministers, are well represented.

In preparation for the University there is a steady increase of the graduates of colleges and universities in Iowa—257 in this biennium, as compared with 117 in the preceding biennium—while the number not graduates has slightly fallen. This will show a sound condition to our friends in the volunteer colleges. There is a falling off in the number—795—entering as graduates of accredited schools, as against 894 in the preceding biennium. The number not graduates from these schools is a lower one, 142 in place of 171. It may be this is an insignificant variation, or that these graduates are coming through other schools and universities. There is a marked increase in the number coming from normals, 94 in place of 32; those not graduates of normals, 58 in place of 17. The same is true with reference to business colleges, 41 in place of 13. It is clear that the raising of our standards is giving us better prepared students.

As regards morals and character, the students seem more earnest every year, and the religious statistics indicate a percentage of membership from the churches which has increased from 1,222, reported in the last biennium, to 1,305. The per cent of church members, which is some 12 per cent above the

average in state universities, is 64.5. Among the rapid increases in the attendance from the larger denominations may be noted an increase in Catholic students of $33\frac{1}{3}$ per cent.

NEW BUILDINGS AND CAMPUS.

Naturally the public is impressed by the three new buildings opened, the rising walls of two others, the removal of the old Science Hall, the erection of the dam, the enlargement and improvement of the campus. At length some inkling of the ultimate beautiful campus and substantial and modern university halls has overcome the prejudice that there was not room for the University in its original location. It is beginning to be seen that few institutions have better or more beautiful possibilities. The report of the landscape architects opens a vision of the future and confirms the wisdom of the plans and improvements begun.

THE UNIVERSITY'S INNER PROSPERITY.

Gratifying as are the visible changes for those at work within the University, they are but reflections of the increase of genuine university spirit and co-operation, and of improvements in equipment, courses of study and methods of work. The University note, as contradistinguished from that of the college so much emphasized in recent years, is still dominant. It has been expressed in the words of prominent members of the association of American universities. President Hadley says:

"By university is understood a soundly established institution of learning that is giving post-graduate or advanced instruction to its students.

"It is impossible to draw a distinction between university studies which are non-professional and those which are professional in their character, because, in our modern institutions, much of the so-called non-professional work of the graduate department is intended as a preparation for the calling of the teacher and much of the work of the professional schools is occupied with actual research. The problems of the different departments are so connected and interwoven that they have to be treated together in the universities themselves."

President Eliot says:

' We must widen the implication of the learned professions; they used to be classed as medicine, the ministry, law, and teaching, but now at least seven more should come under the term, the four engineering professions, and those of chemistry, architecture, and landscape architecture. That institution is not a university that does not claim all the learned professions and serve them.'

The ideal toward which we have been striving is set out in several particulars in a recent address by Clarence John

Blake, M. D., professor in Harvard Medical School, on "Collaboration in Medical Education." Laboratories for research and for the supply of teaching material should be collaborated with clinical laboratories, and a group of hospitals under the control of the teaching institution; collaborative relations of the intra and extra mural laboratories and of the teaching body are called for; the promotion of collaborative relationships between the courses in a medical school and in the other colleges of the University as well as in the different courses of instruction in a single professional college are to be sought.

NEEDS—INCREASE OF INSTRUCTORS AND SALARIES.

Concurring heartily with the report of the regents in the needs set out permit me to emphasize the necessity for furnishing additional instruction and increasing in many cases inadequate salaries. This biennium we have discouraged the development of new work and have concentrated upon that in hand. We have tended to curtail the number of those giving instruction and to seek to have the best grade of instructors. The point is now reached with the rapid increase in students where we must add to the staff and at the same time, in order to keep up the grade of instruction, we must raise the salary standards. The University of Iowa discloses a dangerous weakness at this point. The average salary of a full professor in eight mid-west State universities last year was \$2,315; in this University the average was \$1,717; so, in round numbers, \$600 below the average. In turn, the greater State universities are in competition in many things with institutions like Harvard and the University of Chicago; the average salary of a professor at Harvard is \$4,000.

The point becomes more critical when we know of the steps taken to increase the attraction of teaching positions in the older and private institutions. Harvard has just raised \$1,800,000 of a fund of \$2,500,000 "to increase the present totally inadequate amount available for the salaries of the teaching staff." Little Williams College, in Massachusetts, as a result of an effort of its alumni and benefactors, has just created a fund to increase the salaries to \$3,000 for the professors and to provide means upon which an aged professor may retire. The Carnegie pension fund from which, according to announcement, the State universities are to be exempted, it is rumored may be applied to some ninety-three prominent universities and colleges. This makes

it the more imperative that State universities bring their salaries up to the average, and that this University, so far behind the average of State universities, make some increase.*

It is further suggested † that the average salary in the State universities mentioned has increased practically 10 per cent since the year 1898-99. It is needless to remark upon the increased cost of living during the same period, and the increased prosperity of the country, both perhaps contributing to action upon the part of boards for better payment of the teaching force.

The article upon which we have drawn for our figures is suggestive as to what approximately normal salaries are.‡ In 1904-05, in Kansas, 57 per cent of the professors received \$2,200; Nebraska, 47 per cent were receiving \$2,100; Minnesota, 48 per cent received \$2,400; Indiana, 53 per cent received \$2,500; Ohio, 1905-06, 36 per cent will receive \$2,500; Wisconsin, 33 per cent receive \$2,500; Wisconsin, ten deans and professors are receiving from \$3,000 to \$4,500. Illinois and Missouri also pay certain professors \$3,000 and more. "Taking the period beginning with 1898-9 and closing with the present academic year, 1904-5, it is seen from the complete data that in these eight universities the number of professors receiving \$2,500 or more has increased from 40 out of a total of 224, or about 18 per cent, to 89 out of a total of 285, or 31 per cent. On the other hand, the number receiving less than \$2,000 has decreased from 21 per cent in 1898-99 to less than 12 per cent at present."§

Some studies as to salaries of those of lower than professorial rank will show that our closely bound burden bearers need increases. It is not proposed to develop a trades union scheme of uniform salaries, but to make adjustments compelled at this moment by the markets and useful in removing a sense of hardship, not to say injustice, upon the part of those employed by the State.

A consideration of the actual cost to the University per student is also an argument for an increase, as is shown not only by figures in my report for 1903-04, but by the studies of others like those of President Henry S. Pritchett.¶ By tables he

* "State University salaries," *Popular Science Monthly*, September, 1905, p. 438.

(+) *Ibid* p. 423.

(1) *Ibid*, p. 429.

§ *Ibid*, p. 429.

¶ *Atlantic Monthly*, September, 1905: "Shall the University Become a Business Corporation?"

shows the cost per student to run from \$306 in older private universities to \$167 in State universities, with the single exception of Minnesota, which in this particular is not comparable as it carries a large agricultural high school and students of like grade. Our average is therefore among the lowest.

Very respectfully,

GEO. E. MACLEAN.

EXCERPTS FROM THE PRESIDENT'S ANNUAL REPORT, 1903-1904.

ATTENDANCE.

The total attendance is 1,393, a decrease of 49 students as compared with the preceding year. Dean Currier says:

"The causes that occur to me to suggest are, first, a gradual advance in entrance requirements; second, the competition for students which grows more intense from year to year and which I am sorry to say is not always scrupulous as to means; third; a failure on the part of the college to impress the State with a just sense of its worth."

The University Examiner writes:

"The requirements for admission in four of the colleges have been raised from one to two years of high school work; in another college the requirements for graduation were raised by twelve months; and in three colleges the requirements for *admission* and the requirements for *graduation* have been increased."

The uniform enforcement of the entrance requirements during the last two years, detailed in the University Examiner's report, the possibly too strict administration of requirements for admission for conditioned students and for graduation, coincident with the increase in time in the extension of the college year from 6½ to 9 or 10½ months, and the addition of a year in the professional colleges necessary to bring these colleges up to the standards of the colleges in universities of our rank, focussed upon this year and the preceding year to retard the increase in numbers. The following table shows concisely the increase in standards:

	Credits required for entrance 1898-99	Credits required for entrance 1903-04
Liberal Arts.....	24	30
Law.....	18	24
Medicine.....	24	30
Homeopathic Medicine.....	24	24
Dentistry.....	8	16
Pharmacy.....	0	16

	Length of year.	Length of year.
Liberal Arts.....	9 months.	10½ months (including summer session.
Medicine.....	6 months.	9 months.
Homeopathic Medicine.....	6 months.	9 months.
Pharmacy.....	6 months.	9 months.

	Length of course.	Length of course.
Law	2 years.	3 years.
Dentistry.....	2 years.	4 years (1904-05)

The preceding three years upon the lower standards showed an increasing and the largest attendance the University ever had. It was anticipated that temporarily the attendance would be at least stationary, but in the end we would have not only, as the reports from their departments show, a better quality of work and a better prepared student, but in due time a natural increase. We ought now to be at the turning of the tide.

ANALYSIS OF ATTENDANCE.

An analysis of the attendance is encouraging as to the approval of certain prominent policies toward which the University has been working in response to a demand made upon it.

GRADUATE COLLEGE, INCREASE.

The Graduate College has increased this year from a total enrollment of 121 to 186, and this upon the "in residence" basis, makes a strong contrast with only seventeen in residence in June, 1901, at the time of the institution of the Graduate College.

SUMMER SESSION, INCREASE.

The steady increase in the summer session, opened only four years ago, from 100 to 215, puts another seal of public approval upon the effort of the Board and Faculty to serve the school system of the State and to help the student financially poor and oftentimes interrupted in his regular work. We must remember not to belittle the summer session, which is a real session of the University, by thinking of it as a mere *summer school*.

INCREASE OF WOMEN STUDENTS.

As the University perhaps has never had its share of women students it is encouraging to note in the report of the Dean of Women, a steady increase of attendance, from 344 in 1901, to 424 in 1904, probably by all odds the largest attendance of women in the history of the University.

FLEXIBILITY OF ENTRANCE REQUIREMENTS.

Without lowering the standards which had been raised in response to the demand of schoolmen and the practice of similar institutions, the University Senate, and in part, the faculty of the College of Liberal Arts, have inaugurated measures to fill in the gap between the University and the public school system involving one hundred or more high and other schools not meeting the requirements for four year accredited schools. And still more important, in response to an agitation among secondary school men and a general tendency crystalized in the report of the Commission on Accredited Schools of the North Central Association of Secondary Schools and Colleges, is the imparting of flexibility to entrance requirements. The requirements for admission to the College of Liberal Arts have now been made more flexible, so that while they are no less than they were before, they are more easily met by the graduate from the four year high school course.

In the zeal for raising standards and the tendency to become mechanical in the administration of American education with great school systems, almost to the point of becoming Chinese, institutions for higher learning and in part people's universities, like our own, should see that the boy or girl who wakes up somewhat late to the importance of a higher education, and especially the country boy and girl, should have a fair chance to prove out in the college.

APPROVED HOMES.

A year ago the Dean of Women, with the co-operation of some of the ladies of faculty families and of the city, began a movement for approved homes. She returns to the subject in her report, saying:

"It (the University) ought to provide more good homes for them, either dormitories or smaller boarding houses."

The Dean of the College of Liberal Arts takes up the subject:

"Last year I expressed the opinion that something ought to be done to provide better living accommodations for young women. I am now surer than ever that we must have one or two halls or dormitories with good rooms and board under such management that we can heartily commend them to parents and satisfy all reasonable expectations."

SCHOOL OF MUSIC.

Some wider opportunity for instruction in music than can now be had in Iowa City would draw students if one may infer from the inquiries in correspondence constantly coming to us. The lack of University funds makes the consideration of this subject at this time impracticable. It only seems to be open to us to encourage private enterprise to undertake a school of music under the shadow of the University. The excellent military band which the zeal of the present bandmaster and his fellow students have created with the most trifling aid from the University, is suggestive of the latent possibilities within the University in the general field of music.

THE UNFOLDING UNIVERSITY.

The fair question put by a member of the Legislature, "Why do you need more money since during the last ten years the University has increased but about one third in attendance, while it has more than doubled its support fund from the State?" met the answer that a real, modern university in accordance with the plans of the pioneers was coming to fruition, and an emerging university is at the most costly as well as most important stage of its growth. The question called for the contradistinction between the university and the college, and for a study of the University in this year as compared with earlier years. To quote from a paper I prepared at the time:

"There are four distinct grades of schools overlapping at their points of contact—one, the lower and graded schools; two, high schools; three, colleges; four, universities. As the high school is to the graded school, so is the college to the high school. In turn, as the college is to the high school, so is the university to the college.

"The university is different in degree and kind from the college. It carries to the highest degree the work of the college. By specialization and application, by research and investigation, it is differentiated in kind. Naturally, it shows it is different in kind on account of the manifoldness of its relations through consisting of a 'complex of colleges.' It is in fact, an experiment station for advanced truth and its application. It covers all fields of knowledge. The University, from its name and nature, as recognized by the pioneers in the constitution of the State as the head of the public school system and as having many functions outside its gates in the service of the people as a people's university, must lend itself as the point for educational co-ordination. As history has shaped itself within the State the sphere upon which emphasis is laid for the University is the application of science in its broadest sense and philosophy, to humanity. In a similar manner at Ames, there is the application of science to agriculture, animals and mechanic arts and industries; and at Cedar Falls, the application of science to the art of teaching. From a modern point of view, the institutions of the Board of Control, including the penal, are humane and educational, and are peculiarly, therefore, related to the State University, affording a great practical laboratory for it, while it must serve the other institutions by special training of experts and by investigation.

"The experience of other states teaches plainly that for economy, efficiency, and the highest success of the institutions concerned, there must be one State university, while there may be several colleges, and that there must be something of separation of the colleges if they are to give the best results for the purposes for which they were established."

Answering more specifically what the University has to show for the money given it by the last two General Assemblies, enabling it to take higher rank among competing universities as contradistinguished from colleges, the following facts were brought out by the comparison of the University for the decade beginning with 1893-94: Number of students, 1,027; 1902-03, 1,442. The six colleges of ten years ago had increased to seven, the crowning Graduate College being the seventh, plus eight other organizations indicative of modern and practical application of the university with scien-

tific methods to life and letters, two University hospitals, two schools for the training of nurses, a School of Political and Social Science, University Extension department, Library School, and School of Applied Science.

To come up to time standards, there had been a great increase in the time given to instruction through the extension of courses.

These colleges and organizations have become a great group of co-ordinating institutions closely inter-related by combined courses and general co-operation with a consciousness of a common university life. A wider range of subjects and of elective courses had been offered. Taking a single college, that of Liberal Arts, the number of courses offered in 1893-94 was 102 as compared with 339 in 1902-03.

Lest someone should object that an excessive number of courses are offered at present, a comparison was made with a number of courses offered in the liberal arts college of sister institutions, showing that there was not an excessive offering here. The comparison was:

Iowa.....	339
Chicago	1,086
Michigan.....	833
Wisconsin.....	661
Minnesota.....	528
Illinois	418
Nebraska.....	323
Missouri.....	313

The number of departments in the College of Liberal Arts increased from 17 in 1893 to 26 in 1902-03. A study of the present departments and chairs discovered the fact that there had been a symmetrical development. New departments and chairs are not likely to be set up on an ideal scheme but in response to some pressing demand.

The symmetry of development is seen in that there are *seven* departments in material science with 9 chairs; 4 departments of applied science, with 5 chairs; history, including political and social science, has 3 departments, 5 chairs; philosophy and education, 2 departments, 4 chairs; languages and literatures, 8 departments, 9 chairs; physical training, 2 departments, 2 chairs.

The increase in the staff of instruction, exclusive of various subordinates, was from 70 in 1893-94 to 90 in 1902-03. Earlier figures were not at hand to show the great increase in the value of equipment. There were great losses by the two fires of 1897—an almost total destruction of the library, and of 1901, the destruction of the medical college's valuable collections and museums, and South Hall with the furniture and equipment of the literary societies, and some losses to the historical and other departments in the building, including the department of civil engineering. These losses added to the many shortages due to the insufficient appropriations of earlier legislatures and the opening of the great Hall of Liberal Arts with increased fixed charges, made it hard for the University to catch up with itself.

To realize the full development of the University, a similar study of the increase in the courses, and in particular, in the use of laboratory, case and

clinical methods in the six other colleges, would be necessary but tedious. To digress: in making these studies for the legislature it was gratifying to find, despite the absolute increase in expenses in the University as compared with ten years ago, that upon the comparative basis when the same base was used, the University of Iowa was the most economical, or least expensive institution. The cost per student for the year 1902-03 in the liberal arts colleges is:

Michigan.....	\$138
Missouri	137
Wisconsin.....	134
Iowa.....	113

A comparison of the three universities without colleges of agriculture and mechanic arts, of the cost to each citizen in 1902-03, in the way of the total support fund from the State, again showed that Iowa either had not yet sufficiently unfolded, or was doing much more with less money. Michigan cost to each citizen, 16.8 cents; Kansas, 11.6 cents; Iowa, 7.2 cents. Gross per capita figures taking institutions as a whole, made up of different schools and kinds of work, need to be analyzed as the figures above have been, or they lose their significance and are misleading.

Could the members of the legislature sit with the Board of Regents as they struggle to make the estimated allotted expenditure for the University for the ensuing year come within the income, they would realize the justness of the sentences in the report of the regents as they urged the need of increased support fund: "If this income could be increased even \$100,000 at this time, the University would, under the conservative and economical management of its board, immediately take entirely different and advanced rank." The board will see the half developed condition of the emergent university, in that it will have to arrest, for lack of funds, the process going forward for the last four years of developing a group of teachers in each great subject. Positions of assistant instructor, instructor, assistant professor, professor, and the senior professor, the head of the department, have risen from one to the other. Until a new stage of development comes, the board will have to say to the existing departments, "We can not create new positions or pay for promotions, and chairs that have not yet developed into departments must rest content to remain chairs with such assistance as the labor put upon them demands." It will be a case of arrested development which, however, may prove a blessing in strengthening by way of concentration.

In a modern university, second only to the educational department, is that of the business side of the university. In the multiple relations of the university, the business side is essential not only from a financial point of view, but also from the educational. In accordance with this spirit, the Board of Regents, in June, 1900, passed a resolution calling for the presentation of a plan for the administration of the University, and a plan of administration was adopted by the Board on July 19, 1900. The full and nearest satisfactory operation of this plan of administration has been attained this year. We have slowly adjusted ourselves to the administration and have learned by experience and have secured the best results and the greatest economies.

It is the first full year of the operation of the close affiliation of the offices of the Secretary of the Board of Regents, of the Superintendent of Grounds and Buildings, of the Registrar, of the Treasurer, of the Matrons of Hospitals, of the University Examiner, of the High School Inspector, and of the President. The setting up of this administration, which seemed necessary for the accuracy and efficiency of the institution educational-wise and from the business standpoint, in part demanded by the Board of Control, will without appreciable increase of expense, care for the growing institution for years to come.

A comparison with other institutions show that the administration is carried on at a lower figure than elsewhere, as the following table will show:

Minnesota.....	\$33,156
Illinois	22,420
Michigan	18,300
Indiana	18,100
Missouri.....	15,940
Wisconsin.....	18,906
Nebraska.....	14,530
Iowa	14,436

In particular we must put emphasis upon our being a great teaching institution possessed, to be sure, by a spirit of research, original investigation and publication, but subordinating these things to the teaching side, increasing if need be, the schedule time of instructors devoted to teaching.

LEGISLATIVE RESULTS.

In their meeting with the legislature the regents sought to secure *adequate* means to complete the present stage of real University development. Some misapprehension arose as if the board had a sliding scale because of the difference between the figures for what has just been named "*adequate means to complete the present stage of University development*" and the lower figures of *imperative needs to preserve what we have*. The final appropriation of \$208,000 additional to present support funds voted unanimously by the House of Representatives, and by an overwhelming majority in the Senate, it would seem represents the will of the legislature to meet the imperative needs of the present. As this is the third Assembly in succession which, in response to the feeling of the people of the State that they wish a first-class University, has given increasing appropriations to that end there should be hope among the friends of the University that, by patient continuance in well doing, a more adequate support fund needed will come. In the meantime, it must be confessed that the lack of funds to increase the salaries of certain professors and instructors, who have scarce a living wage in view of the rise in the cost of living, presents an economic condition naturally fostering unrest and change.

ONE MODERN UNIVERSITY.

More significant than the additional appropriations was the indirect action of the Assembly in the naming the purposes to which the appropria-

tions should be devoted, as indicating that there should be one real State University at Iowa City and developed along modern and practical lines, the classic, professional, and technic side by side. The appropriation for engineering, developing water power, and buildings, and the thought of using part of the additional support fund for the school of applied science, can bear no other interpretation. Nothing could be more timely in this age of science, invention, and of industrial and commercial progress in the enlarged world's relations and competitions of our country.

In the world-wide era of commercial and industrial competition upon which America is entering, with its outlying possessions and international relations, of which the Panama Canal is but a single though gigantic indication, engineering education is most useful and popular. It is necessary in its mechanic arts form in connection with agriculture; it is *imperative* in its relation to the application of not only the geological, physical and biological sciences, but in its relation to the political and social sciences at any modern university. It is so imperative that the few antique universities started upon the classical basis, have been obliged to add their technical schools, as at Harvard, Yale, Columbia, and even Dartmouth College. Such is the progress of the application of science that our very medical schools must supplement their investigations and their service for the health of the people of the State by the help of the sanitary and municipal engineer. If Iowa is to hold her pre-eminence even in the political world, and to contribute her share to the leadership of America in the twentieth century, she must maintain *one great modern practical university*.

BUILDING ERA.

The continuance of the building era at the University is emphasized by the prospect of the opening of three new buildings for use this autumn. There stand practically completed, attractive to the eye and adapted to their purpose, the fireproof Hall of Anatomy, and the General and Clinical Laboratory for the use of the College of Medicine. The satisfactory plans and specifications for the modest permanent armory to be temporarily used also for the gymnasium, make it possible for the completion of this building this season.

The plans and specifications drawn as a result of study of your committee consisting of a regent, the curator of the museum, and an architect, of the most modern natural history museum plans in the world, and your orders to hasten this fireproof building by laying the foundations this season, give the greatest sense of relief to every one, for there has always been anxiety as to the hazard of having an invaluable natural history collection in a non-fireproof building. The increased room that will be given to the departments of science now woefully cramped in the Science Hall, by the removal of the Natural History Museum and department of zoology to the new building, will give an impetus to natural sciences second only to that it is anticipated will be given to engineering and the school of applied science. An inevitable sense of distress for these departments has brooded over the University ever since their self-sacrificing decision in 1897 to give precedence to the Hall of Liberal Arts. The temporary use of a part of the Natural History Hall for an assembly room seating about 1,800, meets the demand of the entire institution for a hearthstone and family altar.

LIBRARY SCHOOL.

The summer library school shares in the prosperity brought by the increased income for the library. Heretofore the University has had even to lean upon the Commission, which ought not to be the case, with reference to books. The report of the director of this school, Miss Alice S. Tyler, emphasizes the great success of the juvenile department, and of the extension of the courses into a second year's work. The enthusiastic recognition of the attendants upon this school at the meeting of the State Library Association was proof of how quickly the touch of the University brings loyalty and promotes the intellectual life in many centers of the State.

UNIVERSITY EXTENSION.

University Extension has moved forward under the directorship of Professor Macbride and the secretaryship of Professor W. C. Wilcox. There is an increasing demand and more lectures in sequences have been given than heretofore. Until we have larger means to furnish substitutes for the professors who may be in the field, we can not hope to do more than to meet the most urgent demands that come to us. The movement represents a democratic one in education and particularly becomes a people's university. There might possibly be a closer co-ordination with the work of the department of high school inspection and of some work done by the department of public speaking.

PUBLICATIONS.

The national and international relations of the University continue to extend, as the study of the public prints and of the proceedings of learned societies will show, not only in the contributions of members of our staff, but in the offices which they hold. A considerable list of publications by these gentlemen during the year is found in the reports.

THE HOSPITALS.

This has been the most brilliant year known in the history of both the hospitals.

The hospital of the College of Medicine reports an increase of almost 33½ per cent in the number of patients above that of last year, approximately 1,100. The Internal Medicine clinic has treated more than three times the number of cases cared for last year.

The number and variety of cases treated in the Surgical clinic exceeds that of any preceding year in the history of the college. The Nose, Throat and Ear clinic has treated a larger number of cases than in the preceding year. The number of clinics has been 108, and each one crowded. At no time during the year have we been able to accommodate all the patients that have applied.

HOMEOPATHIC HOSPITAL.

The director reports that, without contradiction, the last has been the best year since the hospital was put under the full control of the University.

NURSES TRAINING SCHOOLS.

The one in the College of Medicine has enjoyed most of the usual lectures by the staff, and practical instruction by the principal.

The number of nurses is inadequate to take care of the greatly increased patronage of the clinics. Hundreds of calls for nurses to attend private cases have been refused because of the inability of the hospital to meet the demand.

HOMEOPATHIC NURSES TRAINING SCHOOL.

The calls for nurses in private cases has increased the past year three fold. The superintendent says it can be truthfully said this has been one of the brightest years of our training school.

GRADUATE COLLEGE.

Our junior college, representing one of the fundamental policies of the Regents in recent years, rivals every other college in its record. The dean sets the matter out, saying:

"Permit me at the outset to congratulate you upon the now well established success of the Graduate College and upon its prospects in the future. Out of a scattered and ill defined list of candidates for advanced degrees, mostly *in absentia*, and resident graduates pursuing sporadic studies, numbering all told scarcely eighty, has been evolved within the last five years a real college comprising over one hundred and eighty graduate students nearly all of whom are doing work in residence, while the great majority are regularly pursuing consistent major and minor courses. In fact, considering the conditions and limitations to which the college is subject, I feel reasonably sure—and take some degree of pride in the assurance—that we have attained, relatively, practically all that we may expect to attain in this direction; not that the college will not continue to grow and raise its standards, but that its future progress will be affected *pari passu* with that of the College of Liberal Arts in particular and of the University and its constituency in general.

"Special attention is called to the thesis subjects (of the candidates for degrees) which show, perhaps more plainly than any other data which could be cited, the great range of research work being conducted within the University. It is this, more than the satisfactory enrollment in the Graduate College, which marks the progress which we have made toward the attainment of real University standards and ideals during the past five years."

Someone facetiously, possibly ironically, remarked after the "standard colleges" had requested the establishment of Iowa Standard College scholarships, that the standard colleges had affiliated with the University. Let it be so. One of the great problems in the co-ordination of educational forces in Iowa is that of relating the volunteer colleges to one another and to the University for the common good of the commonwealth. This has been well called the college state, and it was a real University problem to complement these colleges rather than to compete with them. The graduate and professional colleges have had to raise their standards to satisfy the

denominational colleges, and having done this, they expect more and more to have the migration of the graduates of these colleges without the state turned hither. The competition of our College of Liberal Arts with these colleges must remain at a minimum, since our College of Liberal Arts must especially emphasize sciences and initial University subjects, and fill in its place in the public school system between the high schools and the graduate college.

In conclusion, I venture to say that the careful perusal of the numerous reports upon which this general report of mine rests, and a knowledge at first hand of the work and workers within the University, would convince anyone that this manifold institution is in the midst of a great constructive period. Essentially sound educational and business principles have been adopted and far reaching lines laid out which may be attained by co-operation and hard work. We can not stand or fall to ourselves. The cause of highest education, and in particular the honor of State universities is also ours. The co-ordination of educational forces in Iowa, so important for its future, is begun from the University, and still stimulating us by its opportunities, adds to our responsibilities.

EXCERPTS FROM THE PRESIDENT'S ANNUAL REPORT, 1904-1905.

From every side comes the word of cheer that the year which began in clouds has been one of the best known to the University.

BUSINESS SIDE.

The business side of the University was never more efficiently or economically administered in the departments of the secretary of the board and of the superintendent of grounds and buildings, now covering virtually the functions of purchasing agents, and savings of hundreds of dollars have been made in the use of students and professors in practical ways in the studying of markets and combining of purchases to secure wholesale rates.

There has been an entire reorganization of the janitor service, which has shown itself in the care of the grounds and buildings.

UNIVERSITY PROFESSORSHIPS.

The consolidation of chairs in different colleges into single great university departments, as in chemistry, has lent itself to the efficiency and economies spoken of, and has had decided scholastic benefits in the making of courses of study, the groupings of students and knitting the colleges into one university. Your recent pursuance of the same policy in consolidating the chairs of morphology and zoology, and combining those of histology and anatomy, will extend the same advantages even to savings in building operations.

STATE-WIDE CO-ORDINATION.

The pursuance of this same policy of co-ordination and combination in a state-wide fashion, and focussing at the University for the service of the whole State, such educational and practical movements as find their issue in a university, is another note of progress.

STATE BACTERIOLOGICAL LABORATORY.

The State bacteriological laboratory in its first year, as the reports of the State Board of Health show, has not only established its 800 and more initial substations, but has been the means of correct diagnosis and cure of disease and the prevention of its spread. The opportunity afforded for practical instruction and illustration in this laboratory has added much to the advan-

tages of the colleges concerned. The State Board of Control and various superintendents of their institutions, by having consulting physicians and professors from the University, by courtesies shown at their institutions to our students, by affording clinical material, are rapidly advancing toward the realization of the ideal of the educational correlation of these institutions. We thus have examples of the way in which peculiarly a state university may contribute to a state outside the field of pure instruction of its students, and by which it may have the advantage of having the entire state for its laboratory.

In the relations of departments of social and political sciences, of commerce and of the applied sciences to the activities in their various fields, from philanthropy to those of manufactures, we have the further beginnings of what is most modern for an institution of this kind. The starting of a commercial museum, the indirect service of the state in statistics of the census, are symptomatic.

GIFTS.

The extensive gifts and small purchases from the St. Louis Exposition have added to all the museums, classical, educational, commercial, and especially those of natural history, and ensure the continuance particularly of our natural history museum at the forefront. The beginning of the erection of a fireproof building for the department of zoology and its museum, is most timely, and stimulated by the erection of the building, numerous gifts are on their way to us. An unknown friend in the East, pleased with the spirit of the University in reaching the state in a practical kind of University Extension over and above that of a lecture and teachers' bureau, has made a gift, the first instalment of which is \$1,000, to provide illustrative material in teaching fine arts at the University, and from the University in the schools of the State. The Hon. Frank O. Lowden donated a prize of \$50 a year for excellence in debate and to stimulate success in recovering our past famous record in intercollegiate debate.

UNIFICATION OF THE SCHOOL SYSTEM.

The maintenance of a living connection with the entire public school system which the University, by statute, is to round out by beginning at the points where the high schools leave off, has been more clearly brought out by the systematic inspection of the schools by an inspector the last four years, given wholly to this duty, by the publication of special bulletins, by the advice received from conferences of the secondary schoolmen and colleges, and especially by reinforcing the work of the initial inspector by visits from the professors in the subjects taught in common in the high schools and the University.

INSPECTION OF SCHOOLS.

The closer alliance of the high schools and the University and colleges due to the interchange of studies in the schools of all grades has made more necessary than ever the frequent visitation of the schools. The thorough establishment in the West of the system of accredited schools in place of the

former system of examination of the individual student still prevalent in the East, has become a mark of Western advancement against Eastern education. It is believed it is in accordance with the best practices and theories of modern pedagogy. Iowa has become one of the most representative states in this respect and a leader in the high school commission on accrediting schools and board of inspectors for the North Central Association of Secondary Schools and Colleges.

The so-called standard colleges of the State have during the year amicably entered upon the visitation of the schools, while the University has continued the work as heretofore and will do so, giving every facility for these colleges to make such use as they see fit of the work of the University.

STATE GEOLOGICAL SURVEY.

The State geological survey, with its seat at the University, is furnishing sets of specimens to accredited schools and reinforces in science the inter-relations of the schools as the University library and the instructors in the fields of history, debate, public speaking, and so forth, have the inter-relations on the side of letters.

MANIFOLD STATE SERVICE.

The numerous unheralded relations of every department in the University, not only to the schools, but to the public, would surprise the people. The University has become an arm of the public service.

ALUMNI CLINICS.

The second alumni clinic of the College of Dentistry in February, and the first alumni clinic of the College of Medicine in May, were notable successes. The professions concerned participated, as they have reported, with great profit. Graduate courses for practitioners in the state, and for research, have been asked for, and the continuance and enlargement of these clinics is assured and full of promise for the standards of the professions and for the health of the state.

CONVENTIONS AT THE UNIVERSITY.

The conventions of various bodies like the Association of Funeral Directors and of the Health Officers, etc., at the University, are a recognition of it as a place where the sciences are practically applied to their subjects, and where they may secure short courses of instruction.

HOSPITALS AND CLINICS.

The unprecedented prosperity of the hospitals, compelling the renting of a nurses' home outside one of the hospitals, refutes the idea that clinics can not flourish in a small city. It was evidently overlooked that this is a State institution and that in serving the counties and poor of the State we are rendering a double service—one to our citizenship and one to science.

A comparison of the varieties and types of cases in our clinics with the more numerous cases in clinics in larger cities in hospitals not controlled by the institution of instruction shows the advantage of selection and of bedside teaching in hospitals operated without interference primarily for the institution of learning. The testimony of those who have been in clinics in Chicago and here, for results and purposes of instruction are in favor of ours. It is evident that a fireproof wing must be added to the hospital at the earliest practical moment.

STATE HISTORICAL SOCIETY.

The State Historical Society, by statute under the auspices of the University, and the recently formed anthropological society, through the efficient services of their officers, have had a year of unexampled activity; the first, in the way of valuable publications and the classification and use of its library and valuable research by the students of the University; and the second, by the exploration of the Okoboji mound and the deposit of the finds within the walls of the University.

REVISION OF COURSES OF STUDY.

Last year to meet a great modern educational movement, the University having advanced the requirements for admission to the highest standards, made them more flexible. This year, after two partial revisions of the courses of study in the College of Liberal Arts during the last three years, what the majority hope is the final revision for a period of years has been accomplished. For better or worse the most progressive of the small colleges have been changing the old-fashion four by nine curriculum. Wisely, since our College of Liberal Arts is in the center of a group of professional schools, our college has proceeded conservatively. We have not, like many University Colleges, passed into a period of anarchy by which all courses of study were broken up and the students were, simply by a hop, skip and jump process, pursuing piecemeal and largely according to fancy and ease, unrelated subjects. Warned by the experience of these institutions which are reacting from their own liberty run into license, we have transformed the ancient college courses gradually into the beginnings of a group system combined with a major and minor system. Certain constants have been preserved in the first year of residence. The solidarity of the lower years of the college course with those of the present high school into which the elective system has entered, has been recognized by varying the requirements in the first University year in accordance with the preparation the student brings from the high school. There is an attempt to conserve the idea of a liberal education and to prevent excessive specialization by the requirements of minimum work in different groups; on the other hand, sequences in correlative studies are demanded by the minimum time requirement.

The revision has been along the line of principles and room left for development in the application of the principles under personal advice and supervision of the student. The faculty have a committee out to report a plan by which there will be the closest personal attention to the individual

student. A total modernization of the courses of study in the school of applied science in civil, mechanical, electrical, mining, municipal and sanitary, and forest engineering, was unanimously adopted.

The combined courses between the College of Liberal Arts and the professional colleges which have been shaping themselves through a period of years, have been worked out to a point of a better co-ordination and evaluation of courses and of the utmost saving of time, so that, for example, a six years instead of eight or seven may, without superficiality, lead to the degrees in the two colleges.

SCHOOL OF POLITICAL AND SOCIAL SCIENCE.

The increased enrollment, namely, of 362 students, not counting duplicates, in this school, is gratifying. More important is the prevalence of the spirit of co-ordination of which we have heretofore been speaking in the bringing into this school courses in the applied sciences which would be of use in training students in modern philanthropy. An example is the offering of courses in the chemistry of common life. The plans for developing studies in the industrial history of the United States and in particular of the State of Iowa, in co-operation with the efforts to collect materials on this subject inaugurated by the Carnegie Institution of Washington, D. C., are in the same direction. A high grade seminary on current items of interest in social science is another sign of increased co-ordination of work.

SCHOOL OF APPLIED SCIENCE.

The practically entire reorganization of this school, due to the appointment of a director and the securing of one of college experience in the person of Professor William Galt Raymond, who came to us from Rensselaer Polytechnic Institute, together with other additions to the staff, and the threefold increase in entering students, bring us to the point of the further development of this school into a college with its own faculty, and I heartily join in the recommendations of the director of the school for the establishment of such a college. The subject has been presented to the Liberal Arts faculty and also to the Board of Deans. The latter body has passed a resolution favoring the establishment of a college at this time. The students of the school have the spirit of a college, wearing their own insignia. They will have their own building this autumn. The filling of chairs, for which the board has made provision, of mechanical, of electrical engineering, of descriptive geometry, of shop work and practice, the additions to the departments of physics and chemistry in the field of metallurgy, show that we have a full fledged faculty which could not be lost in the larger faculty of Liberal Arts. Efficiency of that faculty, now almost unwieldy in size, and of the new faculty, would commend the step. The high character of the courses of study offered and of the requirements for admission to it, with the equipment in the new building for individual instruction, demand that the school have recognition among the genuine university professional colleges. The action of the last legislature in special approval of this work will be further confirmed by this measure. The plan for the perfection of the organization of this school into a college follows the precedent already established in this University.

STUDENT MOVEMENTS.

The spontaneous intellectual and social activities of the students reveal the marked progress of real university life. The organization of county, college and various states clubs, composed of students in residence at the University, for the purpose of mutual acquaintance and helpfulness here and for the inspiration of their communities and institutions, reveals that the students have come to an appreciation of their university, and is a most promising sign of its future progress.

INSTRUCTION IN MUSIC DEMANDED.

A great interest in music has sprung up despite the fact that the University has entirely slighted this subject. Two men's glee clubs and one women's glee club have been formed, to say nothing of various smaller bodies. The band has attained to the highest perfection in its history. Class singing and band concerts have enlivened the campus. The citizens of the city perceiving the movement, have favored partial plans for a school of music. The music board of the University senate have considered these plans, and are ready to report when you make your biennial report, that there should be the development in some form of proper instruction in music in the University.

STUDENT MORALS.

The morale of the student body has been excellent and but slightly marred. There is an increasing sensitiveness to any lapses. The statute of the University with reference to drinking has been enforced in a few cases of unfortunates who came to us with the habit. The city government and citizens have been co-operative, and with the plans afoot for personal supervision it is believed that no institution will have a higher record with reference to general morals the ensuing year than this one.

UNIVERSITY Y. M. AND Y. W. C. A.

The University Y. M. and Y. W. C. A., whose reports are submitted herewith, have records of increased financial prosperity, and of wide usefulness not only in religious and biblical study, but in the field of a labor bureau and visitation of the sick. The Bible study movement has been a feature of the year in the organization of many groups of students with their leaders.

RHODES SCHOLAR.

The award of the Rhodes scholarship at Oxford to a student of the University, and the fact that no student from the University has failed to qualify in the Oxford examinations, speaks of the strength especially of our classical and mathematical training.

HOMES FOR STUDENTS.

The point has been reached where those who were largely committed to the German University idea of having the students outside school hours live where and how they pleased, are ready in accordance with the traditions of our English and American institutions of learning to foster home life. The former Dean of Women, with others, initiated a movement for approved homes for women. The present Dean of Women urgently advocates this movement, and the Dean of the College of Liberal Arts, the director of the School of Applied Science, and many others urge that we need such approved homes for the young men as well as for the young women. The Y. M. C. A. building has become more and more a literary and social center, but it is entirely insufficient. The new armory and athletic pavilion adds to the demand instead of satisfying it. I shall ask the board at their next meeting to take under advisement the development of plans for approved homes.

"IOWA ALUMNUS" AND ALUMNI.

The "Iowa Alumnus" has been filling an important field. It should continue to receive the favor of the regents, and the three things most needed by the alumni should be speedily accomplished. First, they should be kept in touch with the University, receiving full and correct information that their fostering care may be intelligent and enthusiastic and that the intellectual life received at the University may continually be reinforced from the fountain head of the alma mater. Secondly, the alumni should be encouraged to give to the University. Thirdly, the alumni organization existing, fostered under their own committee by their secretary, should be multiplied and, if possible, inspirited by some contact with the county organizations of the students. The University teachers' bureau in time will enlarge to serve as a general bureau in commending the alumni for all kinds of positions for which they may be fitted.

PHYSICAL TRAINING.

The opening of the temporary gymnasium in the new armory, the enlargement of the tennis courts and of the military field, have aided in the diversification of athletic sports. For the first time in years, not simply football, but all the varied sports, baseball, basket ball, tennis, track athletics, field sports, have prospered, and the University has taken the first place in the interscholastic contests within and without the State. Our ideals therefore for physical training with athletics of many kinds adding zest, are in the way of attainment. At length, as the State high school meet in May demonstrated, the University is prepared to entertain and instruct, as it is its duty to do, the youth from the high schools in clean and varied athletics.

ENLARGED CAMPUS.

The enlargements of the campus by purchases of adjacent lands, the beginnings of the improvements of the campus in accordance with the recommendation of the consulting landscape architect, Mr. John C. Olmsted, whose illuminating report is submitted herewith in print, the removal of the science hall to its new site, the paving and grading, laying of cement walks, together with the building of the dam, impress the mere passer-by with the greatness, beauty and possibilities of the material university. The jeremiads as to our having no campus and the spoiling of the campus, are passing into psalms of praise for the farsightedness of the regents and legislators.

The additions to the equipment of the University from the equipment funds provided by the last two legislatures, and particularly in the complete re-equipment of the College of Medicine from an instructional point of view are even more impressive than the building equipment. The provision of a specific fund for the library, as well as gifts to it like that of Mrs. J. C. Beard of the library of the late Dr. E. Cartwright, will cause the library to keep pace with the growth of our library equipment. The organization of the library staff, consisting practically wholly of experts, graduates from library schools, is making the library we have most effective.

SPIRIT OF CO-OPERATION.

The secret of the year at the University is largely due to the spirit of co-operation which has prevailed, and for which I wish personally and officially to thank the board of regents and faculties, and all associated with us.

Very respectfully submitted,

GEORGE E. MACLEAN.

Report of the Secretary.

REPORT OF SECRETARY.

IOWA CITY, IOWA, October 15, 1905.

To the Honorable Board of Regents of the State University of Iowa.

GENTLEMEN,—Herewith is respectfully submitted a financial statement of the income and expenditures of the [State University of Iowa for the biennial period extending from July 1, 1903, to June 30, 1905.

W. J. MCCHESENEY,
Secretary.

RECEIPTS AND EXPENDITURES.

July 1, 1903 to June 30, 1905.

Cash on hand, July 1, 1903	\$ 39,032.80	
Total receipts for the two years	859,343.73	
Expenditures for two years	\$ 889,947.31	
Cash on hand, June 30, 1905	8,429.22	
	<hr/>	
	\$ 898,376.53	\$ 898,376.53
Cash on hand, July 1, 1903	\$ 39,032.80	
Total receipts, 1903-1904	418,937.18	
	<hr/>	
	\$ 457,969.98	
Expenditures, 1903-1904	411,232.18	
	<hr/>	
Balance on hand, July 1, 1904	\$ 46,737.80	
Total receipts, 1904-1905	440,406.55	
	<hr/>	
	\$ 487,144.35	
Expenditures, 1904-1905	478,715.13	
	<hr/>	
Cash on hand, June 30, 1905	\$ 8,429.22	

**STATEMENT OF RECEIPTS AND DISBURSEMENTS FOR FISCAL
YEAR ENDING JUNE 30, 1904.**

RECEIPTS.

From State Appropriations:

Code, 1897, Section 2643, Support.....	\$ 65,500.00
27th G. A., Chapter 142, Section 1—Support.	10,000.00
28th G. A., Chapter 152, Section 2—Support.	50,000.00
29th G. A., Chapter 183, Section 2—Support.	35,000.00
29th G. A., Chapter 183, Section 2 — Special land	27,000.00
29th G. A., Chapter 171, Section 2— $\frac{1}{4}$ mill building tax.....	96,000.00
29th G. A., Chapter 183, Section 2—Repair and contingent.....	5,000.00
29th G. A., Chapter 183, Section 2—Equip- ment, new medical buildings.....	35,000.00

\$ 323,500.00

From Productive Funds:

Donated land fund—Rents, etc.....	\$ 539.85
Permanent land endowment fund—Interest and rents.....	11,978.30

\$ 12,518.15

From Miscellaneous Sources:

Tuitions.....	\$ 50,836.75
Diploma fees.....	890.00
University hospital receipts	14,683.85
University homeopathic hospital receipts.....	5,365.30
Dental clinic receipts.....	6,003.04
Building fund—material sold.....	80.64
Special land fund—material sold.....	798.03
Law loan book account.....	355.00
Rents	274.09
Laboratory deposits, net.....	287.58
Miscellaneous cash.....	695.74

\$ 80,270.02

*** From Special Funds:**

A. Whitney Carr free scholarship income fund.....	\$ 2,470.39
F. O. Lowden oratory prize income fund.....	175 00
W. J. Bryan prize income fund.....	3.62

\$ 2,649.01

Total cash receipts... \$ 418,937.18

*These "special funds" are in the nature of University trusts, the proceeds being used for scholarships, prizes, etc.

Cash on Hand July 1, 1903:

Income fund.....	1,578 17
Repair and contingent fund.....	140.79
Library tax fund.....	1,609.30
Special land fund	1,700.40
One-fifth mill building tax fund.....	16,328.58
A. Whitney Carr free scholarship income fund.	9.19
F. O. Lowden oratory prize income fund.....	93.75
Donated land fund.....	802.11
New medical buildings fund.....	16,770.51

Total of cash available for all purposes, 1903-4 \$ 457,969.98

DISBURSEMENTS 1903-1904.

College of Liberal Arts	\$ 93,257.08
College of Law	14,147.33
College of Medicine	25,956.28
College of Homeopathic Medicine	5,727.29
College of Dentistry.....	16,197.68
College of Pharmacy	4,206.74
Library	6,349.84
Administration.....	14,268.69
Summer Session and Library School	4,492.07
University extension....	691.87
Fixed charges	42,657.59
University Hospital	15,271.91
University Homeopathic Hospital.....	5,544.12
Law loan book account.....	142.50
Library tax fund.....	1,609.30
Donated land fund.....	201.50
Special land fund	28,347.57
One-tenth mill building tax fund.....	39,614.10
One-fifth mill building tax fund	7,011.48
Natural Science building fund*.....	3,000.00
New Medical buildings fund†.....	74,394.02
Equipment fund, new medical buildings.....	814.81
Repair and contingent fund	5,290.91
A. Whitney Carr free scholarship income fund	1,875.00
F. O. Lowden oratory prize income fund.....	150.00
Wm. Jennings Bryan prize income fund	12.50

Total expenditures... \$ 411,232.18

* The natural science building fund is a fund created by the Board of Regents from the one-fifth mill building tax fund.

† The new medical buildings fund was originally created by an appropriation of \$50,000 by the Twenty-ninth General Assembly (Ch. 183, § 2) but was continued and increased by the Board of Regents by additions from the one-fifth mill building tax fund.

Cash on Hand, June 30, 1904:

Income fund.....		4,536.83
Donated land fund.....		1,140.46
Special land fund.....		1,150.86
One-fifth mill building tax fund.....		15,783.64
Natural Science building fund.....		7,000.00
New Medical buildings fund.....		7,376.49
Equipment fund, new medical buildings.....		9,185.19
Repair and contingent fund.....	150.12	
A. Whitney Carr free scholarship income fund.....		604.58
F. O. Lowden oratory prize income fund.....		118.75
W. J. Bryan prize fund.....	8.88	
		<hr/>
		\$ 458,128.98
Less overdrafts.....	159.00	159.00
		<hr/>
		457,969.98

The above expenditures are itemized in the following pages, the several accounts being set out in the order given above.

INCOME FUND—1903-1904.

Receipts:

From State appropriations..... \$ 160,500.00

Tuition:

College of Liberal Arts.....	\$ 10,860.25	
College of Law.....	9,085.00	
College of Medicine.....	14,867.50	
College of Homeopathic Medicine.....	1,942.50	
College of Dentistry.....	10,135.00	
College of Pharmacy.....	1,908.00	
Combined courses.....	1,065.00	
Physical culture fees.....	42.00	
Summer session.....	853.50	
Examination fees.....	78.00	
	<hr/>	
Total.....		\$ 50,836.75
Diploma fees.....		890.00
Interest on permanent fund.....		11,978.30
University hospital receipts (Exhibit A).....		14,683.85
University Homeopathic hospital receipts (Exhibit B).....		5,365.30
Dental clinic receipts (Exhibit C).....		6,003.04
Law loan book account (Exhibit D).....		355.00
Rents of buildings.....		274.09
Laboratory deposits, net.....	287.58	
Miscellaneous accounts.....	695.74—	983.32
		<hr/>
Total.....		\$ 251,869.65
Cash on hand July 1, 1903.....		1,578.17
		<hr/>
		\$ 253,447.82

Disbursements:

College of Liberal Arts, salaries	\$ 86,577.21
College of Liberal Arts, supplies.....	6,679.87
College of Law, salaries.....	12,685.00
College of Law, apparatus and supplies.....	1,462.33
College of Medicine, salaries	19,805.00
College of Medicine, apparatus and supplies..	6,151.28
College of Homeopathic Medicine, salaries....	5,570.00
College of Homeopathic Medicine, apparatus and supplies.....	157.29
College of Dentistry, salaries.....	11,820.00
College of Dentistry, apparatus and supplies..	4,377.68
College of Pharmacy, salaries.....	3,500.00
College of Pharmacy, apparatus and supplies.	706.74
Librarians', salaries.....	3,110.00
Libraries, books, apparatus and supplies.....	3,239.84
Administration, salaries.....	13,605.00
Administration, apparatus and supplies.....	663.69
Summer Session and Library School, salaries .	4,305.00
Summer Session and Library School, appara- tus and supplies.....	187.07
University Hospital (Exhibit A).....	15,271.91
University Homeopathic Hospital (Exhibit B)..	5,544.12
University extension expenses.	691.87
Law loan book account.....	142.50
Fixed charges.....	42,657.59
Total.....	\$ 248,910.99
Cash on hand June 30, 1904.....	4,536.83
	\$ 253,447.82

EXPENDITURES—INCOME FUND 1903-1904.

COLLEGE OF LIBERAL ARTS.

Botany:

T. H. Macbride, professor	\$ 2,400.00
Bohumil Shimek, professor.....	1,300.00
F. J. Seaver, fellow.....	225.00
Lucy M. Cavanagh, assistant.....	50.00
Apparatus and supplies	\$ 604.39

Chemistry:

L. W. Andrews, professor	2,400.00
Carl von Ende, instructor.....	1,000.00
H. H. Lochridge, storekeeper.....	650.00
G. G. Frary, fellow.....	225.00
Apparatus and supplies.....	731.67

Civil Engineering:

A. V. Sims, professor	\$ 2,200.00	
C. S. Magowan, professor, municipal and sanitary engineering	1,500.00	
B. J. Lambert, instructor.....	1,000.00	
S. E. Shaff, assistant in shop practice	650.00	
W. B. Nevins.....	400.00	
Apparatus and supplies.....		\$ 725.00
Apparatus and supplies, municipal and sanitary engineering.....		58.15

Economics and Statistics:

F. R. Rutter, lecturer.....	600.00	
G. L. Cady, lecturer	200.00	
J. H. Underwood, fellow.....	225.00	
Apparatus and supplies.....		25.00

Education:

F. E. Bolton, professor	1,900.00	
J. F. Brown, professor and high school inspector.....	1,800.00	
H. C. Dorcas, instructor and university examiner.....	1,400.01	
University examiner's assistance	131.00	
Apparatus and supplies.....		1,100.37

English;

C. F. Ansley, professor.....	2,200.00	
S. N. Hagen, instructor.....	800.00	
S. B. Sloan, instructor.....	800.00	
Percival Hunt, assistant instructor.....	600.00	
J. G. Bowman, assistant instructor.....	500.00	
Bertha Quaintance, assistant.....	700.00	
Mary G. Chawner, fellow.....	225.00	
Elizabeth L. Sherwood, scholar.....	125.00	
May Shuck, scholar.....	125.00	
Theme Readers:		
Mabel Rundell.....	100.00	
Rita Kelley.....	100.00	
Alta Robinson.....	100.00	
Joanna G. Strange.....	75.00	
E. C. Barrett.....	25.00	
Cecilia Loizeaux.....	50.00	
Alice Waldron.....	50.00	
Apparatus and supplies.....		122.45

Electrical and Mechanical Engineering:

R. T. Wells, assistant professor in charge.....	1,200.00	
Apparatus and supplies.....		497.70

French:

F. C. L. van Steenderen, professor.....	\$ 1,800.00	
S. H. Bush, assistant professor.....	1,100.00	
Harriet G. Holt, assistant instructor.....	200.00	
Sarah D. Hutchinson, assistant instructor....	300.00	
Alice McGee, scholar.....	125.00	
Apparatus and supplies.....		\$ 25.00

Geology:

Samuel Calvin, professor.....	2,400.00	
F. A. Wilder, professor.....	2,100.00	
H. Ilsley, scholar.....	125.00	
John Carville, attendant.....	450.00	
Apparatus and supplies.....		499.98
Mining supplies.....		100.00

German:

C. B. Wilson, professor.....	2,200.00	
F. B. Sturm, assistant professor.....	1,200.00	
C. W. Eastman, assistant professor.....	1,200.00	
Hattie Plock, fellow.....	225.00	
Charlotte M. Lorenz, fellow.....	225.00	

Greek:

Arthur Fairbanks, professor.....	2,200.00	
Leona A. Call, professor.....	1,500.00	
R. D. Krebs, scholar.....	125.00	
Apparatus and supplies.....		22.87
Apparatus and supplies, archaeology.....		25.00

History:

W. C. Wilcox, professor.....	2,200.00	
H. G. Plum, professor.....	1,200.00	
P. S. Peirce, instructor.....	725.00	
Apparatus and supplies.....		50.00

Journalism:

L. A. Brewer, lecturer.....	500.00	
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Latin:

A. N. Currier, professor and dean.....	2,400.00	
F. H. Potter, professor.....	1,300.00	
Louise E. Hughes, instructor.....	1,000.00	
Helen M. Eddy, fellow.....	225.00	
Apparatus and supplies.....		25.00

Mathematics:

L. G. Weld, professor and dean.....	2,300.00	
A. G. Smith, professor.....	1,300.00	
J. V. Westfall, instructor.....	1,000.00	
W. E. Beck, assistant instructor, \$500.00; as- sistant at observatory, \$75.00.....	575.00	
Ida Speidel, scholar.....	125.00	
Anna Johnson, scholar.....	125.00	
Apparatus and supplies.....		40.00

Military Science:

G. R. Burnett, commandant.....	\$	500.00	
F. R. Molsberry, band master.....		150.00	
J. F. Kirby, armorer		60.00	
Apparatus and supplies.....	\$		117.69

Morphology:

G. E. Houser, professor.....	1,600.00		
J. J. Lambert, instructor.....	900.00		
F. D. Kern, assistant... ..	70.00		
H. M. Ivins, assistant.....	25.00		
Apparatus and supplies.....			330.00

Philosophy:

G. T. W. Patrick, professor, part time.....	605.00		
C. E. Seashore, professor.....	1,600.00		
H. W. Stuart, instructor	800.00		
Mabel C. Williams, instructor	500.00		
Daniel Starch, scholar.....	125.00		
Grace Kent, scholar	125.00		
Apparatus and supplies.....			300.00

Physical Training.

J. G. Chalmers, physical director.....	1,500.00		
Valborg Kastman, assistant.....	450.00		
Nellie Sebern, pianist	61.20		
Apparatus and supplies.....			62.75

Physics:

A. A. Veblen, professor.....	2,200.00		
C. F. Lorenz, instructor.....	900.00		
W. M. Boehm, fellow	225.00		
C. V. Kent, scholar.....	125.00		
Apparatus and supplies.....			500.00
Apparatus and supplies, mechanics.....			44.08

Political Science:

B. F. Shambaugh, professor.....	2,000.00		
F. E. Horack, instructor.....	700.00		
Apparatus and supplies.....			25.00

Public Speaking:

H. E. Gordon, professor.....	2,000.00		
Mary S. Everts, assistant.....	500.00		
Jesse Resser, scholar.....	125.00		
Apparatus and supplies.....			22.53

Scandinavian:

G. T. Flom, professor	1,200.00		
Apparatus and supplies			25.00

Sociology:

I. A. Loos, professor.....	2,200.00		
Margaret A. Schaffner, instructor.....	800.00		
C. W. Wassam, scholar	125.00		
Apparatus and supplies			19.15

Zoology:

C. C. Nutting, professor.....	2,200.00	
H. F. Wickham, professor	1,200.00	
R. M. Anderson, taxidermist.....	300.00	
W. B. Bell, fellow	225.00	
Apparatus and supplies		170.00
Museum		226.40

Dean, College of Liberal Arts:

Apparatus and supplies		74.69
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Graduate College:

Apparatus and supplies.....		125.00
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University Examiner:

Apparatus and supplies		85.00
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Total salaries, apparatus and supplies for the year 1903-1904	\$ 86,577.21	\$ 6,679.87
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COLLEGE OF LAW, 1903-1904.

Salaries:

C. N. Gregory, professor and dean	\$ 4,000.00
Samuel Hayes, professor.....	2,300.00
E. A. Wilcox, professor	1,600.00
L. M. Byers, professor....	1,400.00
Barry Gilbert, professor	1,400.00
M. L. Person, librarian.....	400.00
E. H. Willging, stenographer	260.00
Sir Frederick Pollock, lecturer	250.00
H. E. Deemer, lecturer.....	500.00
Emlin McClain, lecturer.....	500.00

Library Assistants:

C. E. Stewart....	25.00
Clem Knox.....	25.00
C. W. McClure.....	9.70
S. R. DeCou.....	15.30

Law supplies.....	\$ 131.40
Law library, books and bindings.....	1,330.93

Total salaries, apparatus and supplies for the year, 1903-1904	\$ 12,685.00	\$ 1,462.33
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COLLEGE OF MEDICINE—1903-1904.

Anatomy:

J. W. Harriman, professor	\$ 800.00	
J. P. Mullin, demonstrator.....	1,200.00	
Harry J. Jones, first assistant demonstrator ..	40.00	
Walter H. Cox, second assistant demonstrator	20.00	
Arthur D. Woods, prosector	20.00	
Oscar Hawkinson, prosector	20.00	
Dissecting material		\$ 3,031.46
Apparatus and supplies		12.41

Chemistry:

E. W. Rockwood, professor, part time.....	1,100.00	
W. E. Barlow, assistant professor.....	1,100.00	
Frederic Bonnet Jr., assistant professor.....	1,000.00	
J. G. Goodwin, fellow	200.00	
Apparatus and supplies		683.61

Gynecology:

J. R. Guthrie, professor, \$1,100; and dean, \$100	1,200.00	
J. G. Mueller, clinical assistant.....	50.00	
Apparatus and supplies.....		15.00

Histology:

W. R. Whiteis, professor, \$1,650; director		
University hospital, \$100	1,750.00	
A. R. Hoover, assistant instructor.....	800.00	
E. E. Blythe, assistant	200.00	
F. W. Boots, assistant.....	100.00	
A. W. Starbuck, assistant.....	100.00	
Apparatus and supplies.....		391.91

Materia Medica:

C. S. Chase, professor.....	1,100.00	
W. C. Wolverton, tutor in Medical Latin.....	100.00	
Apparatus and supplies		74.99

Ophthalmology:

J. W. Dalbey, professor	425.00	
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Otology:

L. W. Dean, professor.....	500.00	
Apparatus and supplies		97.79

Pathology:

Henry Albert, acting professor.....	1,000.00	
C. I. Lambert, instructor.....	1,120.00	
C. S. Krause, fellow	225.00	
R. L. Byrnes, scholar	125.00	
Fred Albert, laboratory assistant	50.00	
Apparatus and supplies.....		531.50

Physiology:

J. T. McClintock, professor.....	1,780.00	
F. W. Bailey, assistant instructor	800.00	
Apparatus and supplies		285.74

Surgery:

William Jepson, professor.....	\$ 1,180.00	
Apparatus and supplies.....		\$ 100.00

Theory and Practice:

W. L. Bierring, professor.....	1,100.00	
C. H. Swift, assistant in internal medicine....	100.00	
Apparatus and supplies.....		30.00

Lecturers.

J. P. Crawford, Surgical Technique	50.00	
G. E. Decker, Paediatrics.....	100.00	
J. F. Clark, Hygiene.....	200.00	
Gershom H. Hill, Insanity.....	100.00	
J. B. Kessler, Dermatology.....	50.00	
Library—books.....		489.74
Surgical instruments.....		407.13

Total salaries, apparatus and supplies for the year 1903-1904.....	\$ 19,805.00	\$ 6,151.28
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COLLEGE OF HOMEOPATHIC MEDICINE—1903-1904.***Materia Medica:**

George Royal, professor, \$1,100; dean, \$100...\$	1,200.00	
L. W. Struble, assistant.....	50.00	
Apparatus and supplies....		\$ 10.00

Obstetrics:

F. J. Becker, professor.....	950.00	
T. L. Hazard, assistant and lecturer.....	200.00	

Ophthalmology:

W. L. Bywater, professor.....	750.00	
Apparatus and supplies.....		24.65

Surgery:

J. G. Gilchrist, professor.....	1,100.00	
R. E. Peck, assistant.....	70.00	
Leora Johnson, clinical assistant.....	50.00	
Apparatus and supplies.....		72.96

Theory and Practice:

B. R. Johnson, professor.....	950.00	
James Moorhead, assistant.....	250.00	
Apparatus and supplies.....		24.80
Library books.....		24.88

Total salaries, apparatus and supplies for the the year 1903-1904.....	\$ 5,570.00	\$ 157.29
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* Anatomy, Chemistry, Histology, Pathology and Physiology charged under College of Medicine.

COLLEGE OF DENTISTRY, 1903-1904.*

Operative Dentistry:

F. T. Breene, professor	\$ 1,100.00
R. H. Volland, demonstrator.....	800.00
W. A. Suthers, demonstrator.....	360.00
B. A. Small, demonstrator.....	560.00

Orthodontia:

W. J. Brady, professor.....	1,500.00
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Oral Surgery:

G. V. I. Brown, professor.....	1,200.00
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Prosthetic Dentistry:

W. S. Hosford, professor and dean.....	1,900.00
Henry Morrow, Jr., demonstrator.....	900.00
H. H. Quaife, assistant demonstrator	300.00
C. W. Harned, assistant demonstrator.....	300.00
W. E. Keehl, assistant demonstrator.....	300.00

Regional Anatomy:

E. A. Rogers, professor and superintendent of clinic	1,800.00
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Lecturer:

C. C. Nutting	50.00
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Help:

Ella Bashnagel, clerk	350.00	
Clarissa J. Joy, storekeeper.....	200.00	
Comparative Anatomy assistants.....	200.00	
Prosthetic Dentistry apparatus and supplies...		\$ 348.24
Dues, National Association of Dental Faculties and National Institute of Dental Pedagogics		20.00
Clinics		3,000.00
Dental Laboratory		800.00
Dental Alumni Lecture Course.....		169.04
Library—Books		40.40

Total salaries, apparatus and supplies for
the year 1903-1904.....\$ 11,820.00 \$ 4,377.68

* Anatomy, Chemistry, Histology, Pathology and Physiology charged under College of Medicine.

COLLEGE OF PHARMACY—1903-1904.

W. J. Teeters, acting dean and professor.....	\$ 1,900.00	
A. N. Brown, assistant	600.00	
Zada M. Cooper, assistant.....	600.00	
C. S. Chase, professor.....	100.00	
Bohumil Shimek, professor.....	300.00	
Apparatus and supplies.....		\$ 683.31
Library, books		23.43
<hr/>		
Total salaries, apparatus and supplies for the year 1903-1904.....	\$ 3,500.00	\$ 706.74

LIBRARY—1903-1904.

Mabel Colcord, assistant librarian in charge.....	\$ 1,000.00	
Ida E. Sawyer, reference assistant	840.00	
Jessie Sawyer, assistant cataloguer.....	720.00	
Joanna G. Strange, assistant	300.00	
Nyle W. Jones, assistant.....	125.00	
Assistants by the hour.....	125.00	
Liberal Arts library, books.....		\$ 1,400.00
General library, books.....		498.83
General library, apparatus and supplies		341.01
General library, binding.....		1,000.00
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Total salaries, books, apparatus and sup- plies, etc., for the year 1903-1904.....	\$ 3,110.00	\$ 3,239.84

ADMINISTRATION—1903-1904.

George E. MacLean, president	\$ 6,000.00	
Alice B. Chase, secretary to president	630.00	
F. C. Drake, executive clerk.....	900.00	
Edward C. Barrett, president's clerk	275.00	
W. J. McChesney, secretary board of regents...	1,500.00	
L. W. Dutcher, assistant.....	900.00	
Lovell Swisher, treasurer	1,400.00	
Alice Young, registrar and dean of women	1,500.00	
Clara L. Abernethy, assistant.....	500.00	
President's office supplies		73.68
Secretary's office supplies		166.38
Registrar's office apparatus and supplies.....		423.63
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Total salaries, apparatus and supplies for the year 1903-1904.....	\$ 13,605.00	\$ 663.69

SUMMER SESSION AND LIBRARY SCHOOL—1903.

Arthur Fairbanks, professor of Greek	\$	200.00	
F. H. Potter, professor of Latin		200.00	
Helen M. Eddy, instructor in Latin		60.00	
F. C. L. Van Steenderen, professor of French...		200.00	
S. H. Bush, instructor in French		45.00	
C. B. Wilson, professor of German		200.00	
C. A. Williams, assistant in German		45.00	
C. F. Ansley, professor of English		200.00	
H. G. Buehler, instructor in English		100.00	
Ida M. Street, instructor in English		100.00	
J. G. Bowman, assistant in English		45.00	
H. E. Gordon, professor of public speaking		200.00	
Josephine M. Retz, assistant in public speaking..		60.00	
H. G. Plum, professor of history... ..		200.00	
Isaac Loos, professor of sociology, etc		200.00	
B. F. Shambaugh, professor of political science.		200.00	
C. E. Seashore, professor of psychology		200.00	
J. F. Brown, professor in education		100.00	
Mabel C. Williams, instructor in philosophy		60.00	
F. E. Bolton, professor of education and director		300.00	
C. C. Nutting, professor of zoology		200.00	
W. B. Bell, assistant in zoology		60.00	
Bohumil Shimek, professor of botany		200.00	
Fred J. Seaver, assistant in botany		45.00	
C. F. Lorenz, instructor in physics		150.00	
W. M. Boehm, assistant in physics		60.00	
L. G. Weld, professor of mathematics		200.00	
A. G. Smith, assistant professor of mathematics.		60.00	
Harriet A. Wood, resident director, library school		25.00	
Esther Crawford, instructor, library school		225.00	
Annie C. Moore, instructor, library school		75.00	
Marjorie Graves, instructor, library school		90.00	
Apparatus and supplies			\$ 187.07
Total salaries, apparatus and supplies	\$	4,305.00	\$ 187.07

UNIVERSITY EXTENSION.

Traveling expenses, apparatus and supplies	691.87
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FIXED CHARGES—1903-1904.

President's traveling expenses.....	\$ 477.61
Commencement expenses.....	1,095.49
Alumni association.....	106.55
General lectures.....	99.14
This sum was expended for lectures by prominent educators and specialists.	
General Unclassified Account.....	4,990.60
This sum was expended for items for which no special appropriation was made.	
Mimeographic and Stenographic Bureau.....	180.12
Stenographic service, etc., for different departments.	
Board of Publication.....	378.90
This sum was expended in publishing the commencement address of Senator G. F. Hoar, "The Freedmen's Bureau," by Paul S. Peirce, etc.	
Printing and Paper.....	1,296.77
Publications, stationery, and miscellaneous printing.	
Calendars and Announcements.....	2,717.96
Cost of printing and mailing calendars and announcements of the colleges and schools.	
Postage.....	1,162.25
Postage on University Bulletins and postage for all departments.	
Telegrams.....	81.98
Telephones.....	271.71
Advertising.....	215.12
Advertising of all the colleges in miscellaneous papers.	
Janitors.....	7,513.47
The head janitor is paid \$60 per month, janitors in charge of buildings, from \$20 to \$40 per month, scrub women from \$12 to \$18 per month, and extra help 15 cents an hour. Pay roll contains from 30 to 40 persons, many of them paid on part time.	
Engineers and Firemen.....	4,075.78
The head engineer is paid \$75 per month, and firemen from \$35 to \$45.	
Power House and Heating Plant repairs.....	449.72

Fuel.....	\$ 13,441.65
Contract for coal for 1903-1904 was awarded to E. E. Pinney Coal Co., Cedar Rapids, Iowa, as follows: Oskaloosa, Iowa, mine run, \$2.89 per ton; Oskaloosa, Iowa, screenings, \$1.77 per ton; and to H. W. Lynch, Peoria, Ill., as follows: Mapleton or Canton, Illi- nois, mine run, \$2.90 per ton, all prices F. O. E. Iowa City. Hauling costs 18 cents per ton. Consumption about 5,000 tons.	
Water Service.....	1,600.00
For all water used in all University buildings, the cost is \$400 per quarter.	
Gas and Electric Light.....	1,632.11
Gas costs \$1.40 per thousand square feet, and electric light 10 cents per K. W. Used to light all University buildings.	
Opera house rent.....	\$ 190.00
\$30 per night and \$20 per day for public ex- ercises.	
Y. M. C. A. rent.....	220.66
The University rents the main auditorium and several small rooms in this building for the use of the literary societies; paying \$50 per month for same. The University, on ac- count of receiving a lower rate, furnished fuel and light to the Y. M. C. A., deducting the cost thereof from the cash payments of rent.	
Repairs on Terrill dam	460.00
Total.....	\$ 42,657.59

Exhibit A.

UNIVERSITY HOSPITAL ACCOUNT—1903-1904.

Receipts:

July, 1903.....	\$ 637.58
August, 1903.....	689.69
September, 1903	487.66
October, 1903.....	1,415.07
November, 1903.....	1,483.86
December, 1903.....	1,513.30
January, 1904.....	1,289.16
February, 1904.....	1,561.35
March, 1904.....	1,663.85
April, 1904.....	1,602.53
May, 1904.....	1,036.64
June, 1904.....	1,323.16

Disbursements:

Salaries, Nurse's Training School	\$	3,283.32
Help		1,901.75
Provisions		4,808.32
Household		3,324.74
Medicine		1,953.78
Loss for year 1903-1904	588.06	
Total	\$	15,271.91
	\$	15,271.91

Exhibit B.

UNIVERSITY HOMEOPATHIC HOSPITAL ACCOUNT—1903-1904.

Receipts:

Cash on hand, July 1, 1903	\$	294.76
July, 1903		215.25
August, 1903		111.00
September, 1903		405.25
October, 1903		473.30
November, 1903		535.05
December, 1903		492.25
January, 1904		346.50
February, 1904		500.70
March, 1904		650.00
April, 1904		602.25
May, 1904		500.00
June, 1904		533.75

Disbursements:

Salaries, Nurses' Training School	\$	1,492.00
Help		740.25
Provisions		2,095.56
Household		800.74
Medicine		415.57
Cash on hand, June 30, 1904		115.94
Total	\$	5,660.06
	\$	5,660.06

THE STATE UNIVERSITY.

Exhibit C.

DENTAL CLINICS—1903-1904.

Receipts:

October, 1903	\$	253.16
November, 1903		501.78
December, 1903		456.22
January, 1904		471.70
February, 1904		530.58
March, 1904		814.65
April, 1904		1,031.17
May, 1904		866.66
June, 1904		1,077.12
Total	\$	6,003.04

Exhibit D.

LAW LOAN BOOK ACCOUNT—1903-1904.

Receipts:

Cash on hand, July 1, 1903	\$	334.00
Rent on law loan sets		355.00

Disbursements:

Baker, Voorhees & Co., books	\$	25.50
Keefe, Davidson & Co., books		117.00
Transferred to law library		540.00
Cash on hand, June 30, 1904		6.50

Total	\$	689.00	\$	689.00
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ALUMNI BOOK ACCOUNT, 1903-1904.

Cash on hand, July 1, 1903.....		30.45
Cash on hand, June 30, 1904.....	\$ 30.45	
	<hr/>	
Total.....	\$ 30.45	30.45

LIBRARY TAX FUND, 1903-1904.

Receipts:

Cash on hand, July 1, 1903	1,609.30
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Disbursements:

1904

Jan.	29, G. E. Stechert.....\$	900.16	
	G. Falk.....	30.20	
	J. K. Small.....	4.12	
	Hudson Kimberly Publishing Co.	6.50	
	Dillon & Folsom.....	49.00	
	Kenyon News and Subscription Co	41.35	
	National Educational Association	2.00	
	A. C. McClurg & Co.....	310.27	
	N. Heffer & Sons.....	6.38	
	National Municipal League.....	2.00	
	Corporation Legal Manual Co. .	5.00	
	Doubleday, Page & Co.....	12.50	
	McGraw Publishing Co.....	50.36	
	North Central Association of Col- leges and Secondary Schools ..	2.00	
	C. L. Smith.....	2.00	
	F. C. L. van Steenderen.....	1.20	
	L. G. Weld.....	7.50	
	Boston Book Co.....	95.00	
	J. T. Ries.....	9.00	
	J. B. Lippincott Co.....	16.73	
	University of Chicago Press....	3.20	
	Science Press.....	3.00	
	American Society of Municipal Improvement.....	1.00	
	American Institute of Mining Engineers.....	7.00	
	Macmillan Company....	3.10	
	J. Wiley & Co.....	4.30	
	G. Stickney.....	7.00	
	Moulton Press Co....	5.00	
	Stephens Publishing Co.....	.43	
	Johns Hopkins University Press .	20.00	
	Educational Review.....	2.00	
	Total.....\$	1,609.30	1,609.30

The term of the $\frac{1}{2}$ mill building tax granted the University by the Twenty-sixth General Assembly was lengthened one year by the Twenty-seventh General Assembly (Acts of the Twenty-seventh General Assembly, Chapter 75) for the benefit of the burned library. With the above expenditures the fund was exhausted and the account closed.

PERMANENT LAND ENDOWMENT FUND—1903-1904.

Cash on hand, July 1, 1903.....		\$ 235,120.36
Cash on hand, June 30, 1904.....	\$ 235,120.36	
Total.....	\$ 235,120.36	\$ 235,120.36

DONATED LAND FUND—1903-1904.

Receipts:		
Cash on hand, July 1, 1903		\$ 802.11
Interest and rents		539.85
Disbursements:		
Oliver Gordon, attorney's fees and court costs..	100.00	
B. P. Birdsall, attorney's fees and court costs..	101.50	
Cash on hand June 30, 1904.....	1,140.46	
Total.....	\$ 1,341.96	\$ 1,341.96

SPECIAL LAND FUND—1903-1904.

Receipts:		
Cash on hand, July 1, 1903.....		\$ 1,700.40
State warrant.....		27,000.00
Rents.....		673.53
Old material sold.....		124.50
Disbursements:		
1903		
July 16, Various persons	\$ 51.09	
Aug. 26, Ida M. Warner and Ida M. Warner, guardian Lucile Warner, west 40 feet of lot 3, block 91, Iowa City.....	600.00	
Various persons.....	35.77	
Sept. 23, Various persons	336.80	
Oct. 30, Various persons	35.75	
1904		
Jan. 29, Maria E. Cochran and J. C. Cochran; property beginning at point 38 feet west of south-east corner of lot 4, block 98, Iowa City, Iowa, thence north 80 feet, west 37 feet, south 80 feet, thence east to place of beginning; also one dwelling house thereon	700.00	

		Joseph Barrer and Emma Barrer; lot 4 and south 20 feet of lot 3, block 97, Iowa City, Iowa, and one large dwelling house thereon.....\$	5,000.00	
		James A. Boarts and Maud Boarts; 20 feet off from the south side of lot 7, and the north half of lot 6; and commencing 90 feet west of southeast corner of lot 5, block 98, running thence north 120 feet, west 60 feet, south 120 feet, east 60 feet, to place of beginning; all in Iowa City, Iowa; and one dwelling house thereon.....	1,700.00	
1904				
Jan.	29,	Helen M. Whittaker, south 23 feet lot 1, and the north 30 feet lot 2, and the south one-half (½) of lot 2, block 97, Iowa City, Iowa, and one dwelling house thereon	5,000.00	
		Elizabeth K. Johnson, south 50 feet of north 60 feet of lot 3, block 97, Iowa City, Iowa, and one dwelling house thereon....	2,500.00	
		F. J. Newberry and Kate H. Newberry, north one-half of the south one-half of lot 5, block 79, Iowa City, Iowa, and one brick store building thereon...	3,105.00	
		Englert heirs, 40 feet off from the east end of lot 6, block 79, Iowa City, Iowa, and one brick store building thereon	5,765.15	
		Various persons.....	7.61	
Feb.	16,	John and Mary Kennedy, 57 feet off north side of lot 1, block 97, Iowa City, Iowa.....	3,000.00	
		Various persons.....	23.00	
March	25.	J. Havilek, recorder, recording, deeds	5.10	
		Johnson Co. Abstract Co., looking up titles.....	2.50	
		Charge to correct duplicate credit to this fund	457.36	
April	19,	Various persons.....	9.15	
May	24,	Various persons.....	10.74	
June	23,	Various persons.....	2.55	
		Cash on hand June 30, 1904	1,150.86	
		Total	\$ 29,498.43	\$ 29,498.43

ONE-TENTH OF A MILL BUILDING TAX FUND—1903-1904.

This money was expended in completing the Hall of Liberal Arts and the power house and heating plant.

Overdraft, July 1, 1903 (see previous biennial statement)... ..\$ 39,614.10

1903

Sept.	24,	Transfer from $\frac{1}{4}$ mill building tax fund, by order of the executive committee	\$ 13,350.95
		Transfer from $\frac{1}{4}$ mill building tax fund, by order of the executive committee.....	10,649.61
Oct.	30,	Transfer from $\frac{1}{4}$ mill building tax fund, by order of the executive committee.....	15,138.44
Oct.	30,	Transfer from $\frac{1}{4}$ mill building tax fund, by order of the executive committee.....	475.10
Total			\$ 39,614.10 \$ 39,614.10

ONE-FIFTH OF A MILL BUILDING TAX FUND—1903-1904.

Receipts:

1903.

July	1,	Credit balance (see previous biennial statement)	\$ 16,328.58
Oct.	12,	By state warrant	10,000.00
Oct.	30,	By state warrant	27,000.00
		Old material sold	80.64

1904.

Jan.	29,	By state warrant.....	14,800.00
April	19,	By state warrant.....	20,000.00
June	23,	By state warrant.....	25,000.00

Disbursements:

1903.

Aug.	26,	C. Hurley, plumbing.....	\$ 170.44
		Kellogg-Mackay-Cameron Co., radiators, University Hospital .	62.16
		American Engineering Specialty company, radiators, University Hospital.....	21.00
		Leuz & Co., hauling and freight.	7.10
		First National Bank, Iowa City, interest paid on interest-bearing warrants	1,649.31

Sept.	23,	C. Hurley, plumbing.....\$	50.00
		G. E. Stewart, removing boilers, west building.....	50.00
		W. F. Leinbaugh, lumber, west building.....	49.37
		Frank Patterson, mason work on west building.....	46.87
		Thomas McLachlan, carpenter work on west building	30.63
		Henry Wise, labor, west building	14.00
		David Mulcahy, labor, west build- ing	40.25
		William Russell, sand for west building.....	39.90
		First National Bank, Iowa City, interest paid on interest-bearing warrants	988.79
		Nov.	24,	Thos. McLachlan, carpenter work on west building .....	48.75
Parsons & Stouffer, nails for re- pairing west building.....	4.00		
Martin Gerber, changing con- ductor on west building.....	12.78		
B. Stillwell, glass for west build- ing	2.45		
W. F. Leinbaugh, lumber for west building.....	221.73		
W. M. Bright, carpenter work on west building	39.12		
Wm. Russell, labor on west build- ing.....	16.56		
Dec.	22,			Martin Gerber, roof on west build- ing.....	16.45
Dec.	22,	William Russell, labor on west building.....	13.56
		Parsons & Stouffer, nails, west building.....	4.90
		B. Stillwell, painting, west build- ing	35.00
		W. F. Leinbaugh, lumber west building	43.18
1904			
Jan.	29,	W. F. Leinbaugh, lumber, west building	22.72
		Wm. Russell, labor, west building.	4.45
		Thos. McLachlan, carpenter work, west building ...	25.00
Feb.	16,	Proudfoot & Bird, plans for nat- ural science building, first pay- ment.....	400.00

March	25,	C. C. Nutting, expenses of trip to visit eastern museum buildings.\$	106.64
		Thos. Spurgeon, work on plans for gymnasium and armory building	7.80
		W. T. Proudfoot, expenses of trip to visit eastern museum buildings.	146.35
May	24,	William Russell, labor, hauling brick	13.00
		Harry Klema, labor, cleaning brick	10.00
		Patrick Hogan, labor, cleaning brick	15.00
		Thos. Glasgow, labor, cleaning brick.....	4.00
		Improvement bulletin, advertising for bids on natural science building and gymnasium and armory.....	8.70
		Minnie Ferguson, stenographic service	1.30
		F. Post Co., drawing paper.....	4.72
		Lloyd O. Gable, work on plans of gymnasium and armory.....	32.18
		Edgar H. Willging, stenographic service	5.00
		J. T. Ries, drawing material.....	2.48
		D. S. Welch, assisting superintendent on plans, gymnasium and armory.....	23.06
		George Klema, labor, cleaning brick	13.00
June	23,	Joe Huffman, work on coal bunker and tunnel.....	19.83
		Register and Leader, advertisement for bids on natural science building and gymnasium and armory.....	6.26
		M. J. Evans, stenographic service.	5.25
		Fred Goss, brick for manholes....	21.00
		George Klema, labor, cleaning brick	34.67
		Harry Klema, labor on tunnel....	42.66
		Pat Hogan, cleaning brick	35.33
		D. S. Welch, assisting superintendent of grounds and buildings...	20.37
		Leuz & Co., freight and hauling, gymnasium and armory building	93.60
		David Mulcahy, cleaning brick...	25.67
		Wm. Russell, hauling brick for tunnel.....	66.15

		American Contractor, advertisement for bids on natural science building and gymnasium and armory.....	\$ 11.75	
		Crane Co., steam pipes for tunnel.	958.46	
		Chas. Brown, labor, coal bunkers and tunnel....	33.83	
June	23,	Henry Sterling, brick laying, Old Capitol building.....	20.25	
		Wm. McKay, labor on tunnel to medical buildings	2.22	
		Carver Thompson, labor on tunnel to medical buildings.....	3.90	
		Thos. Glasgow, labor, cleaning brick.....	12.00	
		American Conduit Co., wiring conduit.....	296.28	
		A. Wyckoff & Sons Co., casing for steam pipes.....	729.53	
		W. F. Leinbaugh, cement for tunnel, Old Capitol building.....	14.45	
		W. A. Kettlewell, blacksmithing for excavation work.....	3.10	
		U. S. Express Co., express on material.....	1.55	
		Leuz & Co., freight and hauling..	29.67	
1903				
Sept.	24,	Transferred to $\frac{1}{10}$ mill building tax fund.....	13,350.95	
		Transferred to $\frac{1}{10}$ mill building tax fund	10,649.61	
Oct.	30,	Transferred to $\frac{1}{10}$ mill building tax fund.....	15,138.44	
		Transferred to $\frac{1}{10}$ mill building tax fund.....	475.10	
1904				
Jan.	31,	Transferred to new medical buildings fund	20,000.00	
April	19,	Transferred to equipmant fund, new medical buildings.....	10,000.00	
June	23,	Transferred to new medical buildings fund.....	10,000.00	
		Transferred to natural science building fund.....	10,000.00	
		Cash on hand June 30, 1904.....	15,783.64	
Total			\$112,409.22	\$ 112,409.22

NATURAL SCIENCE BUILDING FUND—1903-1904.

Receipts:

1904

June 23,	Transferred from building tax fund.....	\$ 10,000.00
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Disbursements:

1904

June 23,	Proudfoot & Bird, plans.....	\$ 3,000.00
	Cash on hand June 30, 1904.....	7,000.00
	Total.....	\$ 10,000.00 \$ 10,000.00

NEW MEDICAL BUILDINGS FUND—1903-1904.

Receipts:

1903

Balance on hand, July 1, 1903....	\$ 16,770.51
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Sept. 24,	Transferred from equipment fund, new medical buildings.....	35,000.00
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1904

Jan. 31,	Transferred from building tax fund	20,000.00
June 23,	Transferred from building tax fund	10,000.00

Disbursements:

1903

July 16,	Jas. Rowson & Son, contractors..	\$ 3,333.61
	Various persons.....	173.61
Aug. 26,	Jas. Rowson & Son, contractors..	11,409.61
	Various persons.....	150.00
Sept. 23,	Jas. Rowson & Son, contractors..	8,532.63
	Various persons.....	217.50
Oct. 30,	Jas. Rowson & Son, contractors..	9,705.75
	Various persons.....	766.82
Nov. 24,	Jas. Rowson & Son, contractors..	5,451.38
	Various persons.....	1,497.25
Dec. 22,	Jas. Rowson & Son, contractors..	8,011.82
	Various persons.....	1,465.61

1904

Jan. 29,	Jas. Rowson & Son, contractors..	4,072.50
	Various persons.....	735.09
Feb. 16,	Proudfoot & Bird, architects.....	600.00
	Various persons.....	604.92
March 25,	Jas. Rowson & Son, contractors..	4,073.75
	C. Hurley, plumbing	1,047.06
	Various persons.....	250.53
April 19,	Jas. Rowson & Son, contractors..	2,312.53
	Various persons.....	2,017.48
May 24,	Jas. Rowson & Son, contractors..	3,349.29
	Various persons.....	1,194.88
June 23,	Jas. Rowson & Son, contractors..	2,317.50
	Various persons.....	1,102.90
	Cash on hand June 30, 1904	7,376.49

Total.....	\$ 81,770.51 \$ 81,770.51
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EQUIPMENT FUND, NEW MEDICAL BUILDINGS—1903-1904.

Receipts:

1903		
Aug. 26,	State warrant.....	\$ 35,000.00
1904		
April 19,	Transferred from building tax fund	10,000.00

Disbursements:

1903			
Sept. 24,	Transferred to new medical build- ings fund	\$ 35,000.00	
1904			
April 19,	Miscellaneous warrants.....	146.89	
May 24,	Miscellaneous warrants.....	667.92	
	Cash on hand June 30, 1904	9,185.19	
Total.....		\$ 45,000.00	\$ 45,000.00

REPAIR AND CONTINGENT FUND—1903-1904.

Receipts:

Cash on hand July 1, 1903.....	\$ 140.79
August 26, 1903, State warrant.....	5,000.00

Disbursements:

General repairs.....	\$ 3,200.25	
Old Capitol building repairs.....	222.91	
Hall of Liberal Arts repairs.....	50.46	
Science building repairs.....	87.68	
Dental building repairs.....	88.92	
Physics building repairs.....	47.50	
Power house repairs.....	375.28	
Athletic field repairs.....	250.00	
Chemical laboratory repairs.....	112.14	
Homeopathic hospital repairs.....	300.00	
University hospital repairs.....	350.00	
University hospital boiler house repairs.....	7.83	
Electric bell service.....	197.94	
Overdraft, June 30, 1904.....		150.12
Total	\$ 5,290.91	\$ 5,290.91

**A. WHITNEY CARR FREE SCHOLARSHIP PRINCIPAL FUND—
1903-1904.**

Cash on hand, July 1, 1903.....		\$ 50,000.00
Cash on hand, June 30, 1904.....	\$ 50,000.00	
Total	\$ 50,000.00	\$ 50,000.00

On this fund Mr. Carr is paid three per cent annually, and the balance of interest pays for the A. Whitney Carr free scholarships in the College of Liberal Arts.

**A. WHITNEY CARR FREE SCHOLARSHIP INCOME FUND—
1903-1904.**

Receipts:

Cash on hand, July 1, 1903.....	\$ 9.19
Interest on principal.....	2,470.39

Disbursements:

A. Whitney Carr annuity.....	\$ 1,500.00
Edwinna Bolton, scholarship.....	25.00
Claude A. Bartholow, scholarship	25.00
Merlyn B. Call, scholarship.....	25.00
Agnes Mae Crane, scholarship.....	25.00
Harold R. Davis, scholarship.....	25.00
Clara Doll, scholarship.....	25.00
Pearl Avis Gordon, scholarship.....	25.00
Hohannes S. Kacherian, scholarship.....	25.00
Victor T. Neander, scholarship.....	25.00
Herbert S. Allen, scholarship	25.00
Philip E. Ritz, scholarship.....	25.00
Nellie Sebern, scholarship.....	25.00
Eva Weber, scholarship..	25.00
Mary F. Williams, scholarship.....	25.00
Hugh E. Young, scholarship.....	25.00
Cash on hand, June 30, 1904	604.58
Total	\$ 2,479.58 \$ 2,479.58

F. O. LOWDEN ORATORY PRIZE FUND—1903-1904.

Twenty-five shares of 7 per cent preferred
stock of National Biscuit Co., on hand July

1, 1903, and June 30, 1904	\$ 2,500.00	\$ 2,500.00
	\$ 2,500.00	\$ 2,500.00

F. O. LOWDEN ORATORY PRIZE INCOME FUND—1903-1904.

Receipts:

Cash on hand, July 1, 1903.....	\$	93.75
Seven per cent dividend on twenty-five shares of stock in National Biscuit Co., gift of F. O. Lowden.....		175.00

Disbursements:

George P. Jones, first prize, Northern Orator- ical League contest.....	\$	100.00
Thomas J. Meek, second prize, Northern Oratorical League contest		50.00
Cash on hand, June 30, 1904.....		118.75
	\$	268.75
	\$	268.75

WILLIAM JENNINGS BRYAN PRIZE FUND—1903-1904.

Cash on hand, July 1, 1903.....	250.00
Cash on hand, June 30, 1904	250.00

WILLIAM JENNINGS BRYAN PRIZE INCOME FUND—1903-1904.

Receipts:

Interest on principal.....	3.62
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Disbursements:

J. O. Johnson, first prize, political science essay contest.....	12.50
Overdraft, June 30, 1904.....	8.88
	\$ 12.50
	\$ 12.50

STATEMENT OF RECEIPTS AND DISBURSEMENTS FOR FISCAL
YEAR ENDING JUNE 30, 1905.

RECEIPTS.

From State Appropriations:

Code, 1897, §2643, support.....	\$ 65,500.00
27th G. A., Ch. 142, §1, support.....	8,333.33
28th G. A., Ch. 152, §2, support.....	41,666.66
29th G. A., Ch. 183, §2, support.....	29,166.66
30th G. A., Ch. 156, §2, support.....	23,958.34
29th G. A., Ch. 183, §2, special land.....	12,500.00
29th G. A., Ch. 171, §2, $\frac{1}{4}$ mill building tax...	111,500.00
30th G. A., Ch. 156, §2, repair and contingent	7,187.50
30th G. A., Ch. 156, §2, equip't and supplies.	10,000.00
30th G. A., Ch. 156, §2, paving and sidewalks	4,000.00
30th G. A., Ch. 156, §2, engineering building	12,500.00
30th G. A., Ch. 156, §2, tunnel and extension	5,000.00
30th G. A., Ch. 156, §2, library.....	10,000.00
	\$ 341,312.49

From Productive Funds:

Donated land fund—rents, etc.....	\$ 548.25	
Permanent land endowment fund—interest and rents.....		12,296.34

12,844.59

From Miscellaneous Sources:

Tuitions.....	\$ 46,507.00	
Diploma fees.....	2,705.00	
University Hospital receipts.....	17,033.57	
University Homeopathic Hospital receipts....	6,195.76	
Dental clinic receipts.....	3,939.99	
Special land fund—rents and material sold....	3,189.64	
Interest on daily bank balances.....	1,410.28	
Law loan book account.....	309.25	
Laboratory deposits, net.....	261.88	
Miscellaneous cash—material sold, rents, etc..	2,025.89	

83,578.26

From Special Funds:*

A. Whitney Carr free scholarship interest fund\$	2,483.71	
F. O. Lowden oratory prize interest fund.....	175.00	
W. J. Bryan prize interest fund.....	12.50	2,671.21

Total cash receipts from all sources.....	\$ 440,406.55
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Cash on Hand, July 1, 1904:

Income fund.....		4,536.83
Repair and contingent fund.....	\$ 150.12	
Special land fund.....		1,150.86
One fifth mill building tax fund.....		15,783.64
New Medical buildings fund.....		7,376.49
Donated land fund.....		1,140.46
Equipment fund, new medical buildings.....		9,185.19
Natural science building fund.....		7,000.00
A. Whitney Carr free scholarship interest fund		604.58
F. O. Lowden oratory prize interest fund.....		118.75
W. J. Bryan prize interest fund.....	8.88	

Total	\$ 159.00	\$ 487,303.35
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Less overdrafts.....		159.00
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Net total of cash available for all purposes, 1904-1905....	\$ 487,144.35
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*These "special funds" are in the nature of University trusts, the proceeds being used for scholarships, prizes, etc.

DISBURSEMENTS—1904-1905.

College of Liberal Arts.....	\$ 101,544.87	
College of Law.....	12,271.48	
College of Medicine	31,665.64	
College of Homeopathic Medicine.....	5,685.00	
College of Dentistry.....	15,529.19	
College of Pharmacy	3,748.46	
Graduate College.....	4,302.50	
Library	12,977.76	
Administration	13,131.08	
Summer session and library school.....	5,000.00	
University extension expenses.....	885.59	
Fixed charges	56,595.84	
Refunded tuitions	253.78	
University Hospital.....	16,369.49	
University Homeopathic Hospital.....	5,970.94	
Law loan book account.....	108.50	
Donated land fund	37.59	
Special land fund	15,778.08	
One-fifth mill building tax fund	19,512.19	
* Natural science building fund	35,678.22	
† New medical buildings fund	27,567.30	
Equipment fund, new medical buildings	30,488.78	
* Gymnasium and armory fund....	33,123.71	
Engineering building fund	3,042.40	
Tunnel and extension fund	4,880.73	
Paving and sidewalks fund	3,875.05	
Equipment and supplies fund.....	9,213.30	
Repair and contingent fund	7,187.66	
A. Whitney Carr free scholarship interest fund...	2,130.00	
F. O. Lowden oratory prize interest fund.....	150.00	
W. J. Bryan prize interest fund	10.00	
Total		\$ 478,715.13
Cash on Hand, June 30, 1905:		
Income fund	\$ 10,293.99	
One-fifth mill building tax fund		145.74
Special land fund		1,064.42
A. Whitney Carr free scholarship interest fund.		958.29
F. O. Lowden oratory prize interest fund.....		143.75
W. J. Bryan prize interest fund	6.38	
Equipment fund, new medical buildings		2,196.41
Natural science building fund		1,422.43
New medical buildings fund.....		809.19
Repair and contingent fund.....	150.28	

* The natural science building fund and gymnasium and armory fund are funds created by the Board of Regents from the one-fifth mill building tax fund.

† See note under "Disbursements—1908-1904."

NOTE—The above expenditures are itemized in the following pages, the several accounts being set out in the order given above.

THE STATE UNIVERSITY.

Paving and sidewalk fund...	\$	124.95
Equipment and supplies fund.....		786.70
Engineering building fund		9,457.60
Tunnel and extension fund		119.27
Donated land fund		1,651.12
		<hr/>
	\$	497,595.00
Less overdrafts.....	\$ 10,450.65	10,450.65
		<hr/>
Net total.....		\$ 487,144.35

INCOME FUND—1904-1905.

Receipts:

From State appropriations.....	\$	178,624.99
Tuitions:		
College of Liberal Arts.....	\$	13,562.50
College of Law.....		9,644.25
College of Medicine		12,952.50
College of Homeopathic Medicine		1,978.50
College of Dentistry.....		5,330.25
College of Pharmacy		1,832.00
Summer Session and Library School.....		1,035.00
Special examination fees		52.00
Graduate College.....		120.00
		<hr/>
		46,507.00
Diploma fees		2,705.00
University hospital receipts (Exhibit A)		17,033.57
University Homeopathic hospital receipts (Exhibit B).....		6,195.76
Dental clinic receipts (Exhibit C).....		3,939.99
Law loan book account (Exhibit D).....		309.25
Laboratory deposits—net		261.88
Interest on permanent land fund.....		12,022.25
Interest on daily bank balances....		1,410.28
Rents on land endowment.....		274.09
Miscellaneous cash—rents, and material sold..		2,025.89
		<hr/>
	\$	271,309.95
Cash on hand, July 1, 1904.....		4,285.90
		<hr/>
	\$	275,595.85
Overdraft, June 30, 1905		10,444.27
		<hr/>
Total income fund, 1904-1905		\$ 286,040.12

Disbursements:

College of Liberal Arts, salaries.....	\$ 87,369.53
College of Liberal Arts, apparatus and supplies.....	14,175.34
College of Law, salaries.....	12,135.00
College of Law, supplies.....	136.48
College of Medicine, salaries.....	24,571.66
College of Medicine, apparatus and supplies.....	7,093.98
College of Homeopathic Medicine, salaries.....	5,450.00
College of Homeopathic Medicine, apparatus and supplies..	235.00
College of Dentistry, salaries.....	12,050.00
College of Dentistry, apparatus and supplies	3,479.19
College of Pharmacy, salaries.....	2,819.52
College of Pharmacy, apparatus and supplies.....	928.94
Library, salaries.....	2,861.60
Library, books.....	9,613.60
Library, supplies.....	502.56
Administration, salaries.....	12,517.05
Administration, apparatus and supplies.....	614.03
Graduate College, fellowships and scholarships.	4,302.50
Summer Session and Library School, salaries.....	4,845.00
Summer Session and Library School, apparatus and supplies	155.00
University Hospital, expenses (Exhibit A).....	16,369.49
University Homeopathic Hospital, expenses (Exhibit B).....	5,970.94
University extension expenses.....	885.59
Law loan book account (Exhibit D)	108.50
Fixed charges.....	56,595.84
Refunded tuitions.....	253.78
Total expended, 1904-1905.....	\$ 286,040.12

EXPENDITURES—INCOME FUND—1904-1905.

COLLEGE OF LIBERAL ARTS.

Botany:

T. H. Macbride, professor.....	\$ 2,400.00
Bohumil Shimek, professor.....	1,600.00
F. J. Seaver, assistant.....	225.00
Lucy M. Cavanagh, herbarium assistant.....	300.00
Apparatus and supplies.....	\$ 325.50
Physiological botany supplies.....	200.00

Chemistry:

Carl von Ende, instructor.....	1,000.00
C. L. Bryden, instructor in metallurgical chemistry	900.00
H. H. Lochridge, storekeeper (resigned).....	260.00
H. V. Farr, storekeeper (resigned).....	172.50
C. G. Runyon, storekeeper	150.00
R. E. Humphrey, assistant.....	12.50
W. R. Dickson, assistant.....	12.50
Apparatus and supplies.....	646.75
Metallurgical chemistry supplies.....	300.00

Education:

F. E. Bolton, professor.....	\$ 1,900.00	
J. F. Brown, professor and inspector of high schools.....	1,800.00	
H. C. Dorcas, assistant professor and university examiner, \$1,400.00; registrar, \$100.00..	1,500.00	
University examiner's assistants.....	113.98	
Apparatus and supplies and traveling expenses		\$ 1,014.63

Engineering, Civil:

W. G. Raymond, professor.....	3,600.00	
B. J. Lambert, instructor... ..	1,100.00	
S. E. Shaff, assistant in shop practice, \$650.00; university electrician, \$80.00.....	730.00	
Marcia O. Dunham, stenographer	400.00	
Apparatus and supplies.....		1,750.00

Engineering, Electrical and Mechanical:

R. T. Wells, assistant professor in charge.....	1,200.00	
Apparatus and supplies.....		3,500.00

Engineering, Municipal and Sanitary:

C. S. Magowan, professor.....	1,500.00	
Apparatus and supplies.....		1,000.00

Engineering, Steam:

S. M. Woodward, professor.....	1,750.00	
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English:

C. F. Ansley, professor	\$ 2,200.00	
S. N. Hagen, instructor (resigned).....	320.00	
S. B. Sloan, instructor.....	800.00	
Pereival Hunt, instructor.....	600.00	
Mary G. Chawner, assistant instructor.....	400.00	
Sarah R. Quigley, assistant.....	700.00	
Josef Wiehr, Assistant in German.....	100.00	
L. A. Brewer, lecturer on journalism	250.00	

Theme Readers:

Mabel Rundell	100.00	
Joanna G. Strange	100.00	
Alice M. Waldron.....	50.00	
Ella I. Waterbury.....	100.00	
Frances A. Carroll.....	75.00	
Sadie Jacobs.....	50.00	
Mabel M. Volland.....	50.00	
Martha Hutchinson....	50.00	
Lois Davidson.....	30.00	
Virginia Haldeman.....	37.50	
E. G. Quigley.....	30.00	
Julia Swanson	25.00	

Apparatus and supplies.....		137.00
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French:

F. C. L. Van Steenderen, professor.....	1,800.00	
S. H. Bush, assistant professor.....	1,100.00	
Hertha L. Voss, assistant instructor.....	500.00	
Apparatus and supplies.....		19.75

Geology and Mining:

Samuel Calvin, professor.....	2,400.00	
F. A. Wilder, professor.....	2,100.00	
John Carville, attendant.....	450.00	
Apparatus and supplies.....		216.58
Apparatus and supplies, applied science.....		1,750.00

German:

C. B. Wilson, professor.....	2,200.00	
F. B. Sturm, assistant professor.....	1,200.00	
C. W. Eastman, assistant professor.....	1,200.00	
Apparatus and supplies.....		25.00

Greek:

Arthur Fairbanks, professor.....	2,200.00	
Leona A. Call, professor.....	1,200.00	
Apparatus and supplies.....		25.00
Archaeology supplies.....		98.34

History:

W. C. Wilcox, professor.....	2,200.00	
H. G. Plum, professor.....	1,400.00	
E. C. Nelson, assistant.....	125.00	
Apparatus and supplies.....		44.63

Latin:

A. N. Currier, professor and dean of the College of Liberal Arts.....	2,400.00	
F. H. Potter, professor.....	1,300.00	
Assistant, dean's office.....	75.00	
Apparatus and supplies.....		25.00

Mathematics:

L. G. Weld, professor, and dean of the Graduate College.....	2,300.00	
J. V. Westfall, instructor.....	1,000.00	
E. L. Dodd, instructor.....	800.00	
W. E. Beck, assistant instructor.....	\$600.00	
Assistant at observatory.....	75.00—	675.00
Assistance for dean of Graduate College.....		175.00
Assistance for director of School of Applied Science.....	125.00	
Apparatus and supplies.....		83.96

Military Science:

G. R. Burnett, professor and commandant....	500.00	
F. R. Molsberry, bandmaster.....	150.00	
H. M. Pratt, armorer.....	60.00	
Compensation to professional students playing in band*.....	150.00	
Apparatus and supplies.....		50.00

Morphology:

G. L. Houser, professor	1,600.00	
J. J. Lambert, instructor	1,000.00	
H. M. Ivins, laboratory assistant	100.00	
H. L. Moon, undergraduate laboratory assistant	25.00	
O. V. Wille, undergraduate laboratory assistant	25.00	
Apparatus and supplies....		400.00

Philosophy:

G. T. W. Patrick, professor	2,200.00	
C. E. Seashore, professor.....	1,700.00	
J. B. Miner, instructor.....	600.00	
Apparatus and supplies		300.00

Physical Training:

J. G. Chalmers, professor and director of physical training and athletics	1,500.00	
Valborg Kastman, assistant instructor in physi- cal training for women.....	600.00	
Zoe DeSellem, pianist.....	65.55	
Apparatus and supplies		39.79

Physics and Mechanics:

A. G. Smith, professor	1,300.00	
A. A. Veblen, professor of experimental phys- ics	1,800.00	
C. F. Lorenz, instructor.....	900.00	
Garrett Bos, assistant	75.00	
Apparatus and supplies, physics		848.63
Apparatus and supplies, mechanics.....		400.00

Political Economy and Sociology:

I. A. Loos, professor	2,200.00	
W. R. Patterson, professor	1,800.00	
Margaret Schaffner, instructor.....	800.00	
Assistance and supplies		55.28
Supplies, commercial and statistical museum.		300.00

Political Science:

B. F. Shambaugh, professor.	2,000.00	
F. E. Horack, instructor.....	800.00	
Apparatus and supplies		75.00

*Liberal Arts students play in the band in lieu of military service. Professional students, upon whom military drill is not compulsory, receive a small compensation for playing in the band.

Public Speaking:

H. E. Gordon, professor.....	2,000.00	
Mary S. Everts, assistant instructor and acting dean of women.....	900.00	
Apparatus and supplies		19.50

Scandinavian:

G. T. Flom, acting professor.....	1,200.00	
Apparatus and supplies		25.00

Zoology:

C. C. Nutting, professor.....	2,200.00	
H. F. Wickham, professor	1,200.00	
R. M. Anderson, taxidermist.....	300.00	
Museum		200.00
Apparatus and supplies.....		300.00

Total salaries, apparatus and supplies for
the year 1904-1905.....\$ 87,369.53 \$ 14,175.34

COLLEGE OF LAW—1904-1905.

C. N. Gregory, professor and dean	\$ 4,000.00	
Samuel Hayes, professor	2,300.00	
E. A. Wilcox, professor	1,600.00	
L. M. Byers, professor.....	1,500.00	
Barry Gilbert, professor.....	1,500.00	
H. M. Towner, lecturer.....	500.00	
M. L. Ferson, librarian.....	400.00	
F. F. Wyckoff, assistant librarian.....	25.00	
H. M. Algyer, assistant librarian.....	25.00	
M. L. Sims, assistant librarian.....	25.00	
J. W. Evans, stenographer.....	260.00	
Furniture and supplies.....		\$ 136.48

Total salaries, apparatus and supplies for
the year 1904-1905.....\$ 12,135.00 \$ 136.48

COLLEGE OF MEDICINE—1904-1905.

Anatomy:

H. J. Prentiss, professor.	\$ 3,000.00	
J. P. Mullin, demonstrator.....	75.00	
E. P. Lord, demonstrator.....	150.00	
E. E. Hobby, assistant demonstrator ...	50.00	
W. H. Fox, senior assistant demonstrator....	40.00	
A. D. Woods, junior assistant demonstrator ..	20.00	
J. M. Cadwallader, prosector.....	20.00	
R. L. Glase, prosector.....	20.00	
Apparatus and supplies		\$ 82.62
Dissecting material for all colleges.....		4,470.77

Chemistry:

E. W. Rockwood, professor.....	2,200.00	
C. T. Lincoln, instructor.....	1,000.00	
W. J. Karslake, instructor.....	1,000.00	
Apparatus and supplies, all professional colleges		700.00

Gynecology:

J. R. Guthrie, professor, \$1,100; dean, \$100..	1,200.00	
J. G. Mueller, clinical assistant.....	50.00	
Apparatus and supplies.....		152.73

Histology:

W. R. Whiteis, professor, \$1,650; director University hospital, \$100	1,750.00	
A. R. Hoover, instructor.....	800.00	
E. E. Blythe, assistant.....	600.00	
A. W. Starbuck, assistant.....	100.00	
H. W. Murphy, assistant.....	100.00	
E. C. Ward, student assistant.....	50.00	
Apparatus and supplies, all colleges.....		167.62

Materia Medica:

C. S. Chase, professor.....	1,200.00	
R. E. Hall, student assistant.....	200.00	
W. C. Wolverton, tutor in medical latin.....	100.00	
Apparatus and supplies.....		75.00

Ophthalmology and Otology:

L. W. Dean, professor.....	500.00	
F. W. Bailey, assistant instructor.....	300.00	
Apparatus and supplies.....		188.91

Pathology

Henry Albert, professor.....	1,100.00	
Aufin Egdahl, instructor.....	1,000.00	
D. J. Meents, assistant	50.00	
C. P. Schenck, assistant	100.00	
Joseph Anderson, attendant.....	291.66	
Ort Schaeffer, attendant	70.00	
Gertrude Storey, stenographer	105.00	
Anna Stach, stenographer.....	30.00	
Apparatus and supplies, all colleges.....		300.00

Physiology:

J. J. McClintock, professor	1,600.00	
R. E. Kleinsorge, assistant instructor	600.00	
E. R. Walker, assistant.....	200.00	
Apparatus and supplies, all colleges.....		300.00

Surgery:

William Jepson, professor.....	1,100.00	
A. J. Burge, assistant.....	1,250.00	
Apparatus and supplies.....		205.12

Theory and Practice:

W. L. Bierring, professor.....	1,100.00	
Clarence Van Epps, instructor.....	1,000.00	
Apparatus and supplies.....		30.00

Surgical instruments.....		421.21
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Lecturers:

J. B. Kessler, dermatology.....	200.00
G. E. Decker, Pædiatrics.....	100.00
J. P. Crawford, surgical technique.....	50.00
Gershom H. Hill, insanity.....	100.00

Total salaries, apparatus and supplies for the year 1904-1905.....	\$ 24,571.66	\$ 7,093.98
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COLLEGE OF HOMEOPATHIC MEDICINE—1904-1905.*

Materia Medica:

George Royal, professor, \$1,100.00; dean, \$100.00	\$ 1,200.00	
Apparatus and supplies		\$ 10.00

Obstetrics:

F. J. Becker, professor.....	950.00	
T. L. Hazard, assistant and lecturer	200.00	
Apparatus and supplies.....		100.00

Ophthalmology:

W. L. Bywater, professor.....	750.00	
Apparatus and supplies.....		25.00

Surgery:

J. G. Gilchrist, professor.....	1,100.00	
Leora Johnson, clinical assistant.....	100.00	
Apparatus and supplies		75.00

Theory and Practice:

B. R. Johnston, professor.....	950.00	
Jas. Moorhead, lecturer.....	200.00	
Apparatus and supplies		25.00

Total salaries, apparatus and supplies for the year 1904-1905.....	\$ 5,450.00	\$ 235.00
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*Anatomy, chemistry, histology, pathology and physiology are charged under College of Medicine.

COLLEGE OF DENTISTRY—1904-1905.*

Operative Dentistry:

F. T. Breene, professor.....	\$ 1,100.00
R. H. Volland, lecturer and demonstrator....	1,200.00
E. A. Schrader, clinical demonstrator.....	800.00

Orthodontia:

W. J. Brady, professor.....	1,500.00
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Oral Surgery:

G. V. I. Brown, professor	1,200.00
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Prosthetic Dentistry:

W. S. Hosford, professor and dean	1,900.00
Henry Morrow, demonstrator.....	1,000.00
W. E. Spence, demonstrator.....	800.00

Regional Anatomy:

E. A. Rogers, professor and superintendent of Clinics.....	\$ 1,800.00	
C. C. Nutting, lecturer	50.00	
Ella Bashnagel, clerk.....	500.00	
Clarissa Joy, clerk.....	200.00	
Dues, National Institute of Dental Pedagogics		10.00
Clinical supplies.....		2,542.98
Laboratory supplies.....		430.75
Dental Alumni Clinic.....		254.58
Laboratory equipment.....		240.88

Total salaries, apparatus and supplies, for
the year 1904-1905.....\$ 12,050.00 \$ 3,479.19

*Anatomy, chemistry, histology, pathology and physiology are charged unde
College of Medicine.

COLLEGE OF PHARMACY—1904-1905.

W. J. Teeters, professor and dean.....	\$ 2,000.00	
Zada M. Cooper, instructor.....	700.00	
Student assistants.....	119.52	
Apparatus and supplies....		922.75
Pharmaceutical botany supplies.....		6.19

Total salaries, apparatus and supplies, for
the year 1904-1905.....\$ 2,819.52 \$ 928.94

GRADUATE COLLEGE—1904-1905.

W. B. Bell, fellow in zoology	\$ 225.00
R. L. Byrnes, fellow in pathology and bacteriology.....	225.00
Sarah E. Cronin, fellow in mathematics.....	225.00
H. V. Farr, fellow in chemistry, resigned	112.50
P. I. Hanzlik, assistant in chemistry.....	90.00
H. H. Fitch, assistant and fellow in latin.....	325.00
C. V. Kent, fellow in physics.....	225.00
Frederike B. Haan, fellow in German.....	225.00
Daniel Starch, fellow in philosophy.....	225.00
C. W. Wassam, fellow in political economy and sociology.....	225.00
Josef Wiehr, fellow in German	225.00
May Shuck, fellow in English.....	225.00
Fred Albert, scholar in internal medicine	125.00
C. E. Bale, scholar in English.....	125.00
Alice Rigby, scholar in English.....	125.00
Bess Peebles, scholar in English.....	125.00
Elizabeth L. Sherwood, scholar in English.....	125.00
C. H. Hanson, scholar in geology.....	125.00
S. W. Hockett, scholar in geology	125.00
E. A. Jenner, scholar in psychology	125.00
J. O. Johnson, scholar in political science.....	125.00
J. F. Lee, scholar in public speaking.....	125.00
L. A. Quaife, scholar in pathology and bacteriology.....	125.00
Ethel L. Smith, scholar in German.....	125.00
Ethelind Swire, scholar in French.....	125.00
Fern M. Williams, scholar in Greek.....	125.00
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Total of graduate fellowships and scholarships, 1904-1905.....	\$ 4,302.50

LIBRARY—1904-1905*

M. G. Wyer, acting librarian in charge.....	1,000.00
Delia Sanford, cataloguer.....	630.00
Louise Howell, assistant cataloguer.....	400.00
Lavinia Steele, reference assistant, resigned.....	280.00
Joanna G. Strange, assistant.....	300.00
N. W. Jones, assistant.....	125.00
Assistants by the hour.....	126.60
Supplies.....	\$ 502.56
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Total salaries, apparatus and supplies for the year 1904-1905.....	\$ 2,861.60 \$ 502.56

*For expenditures for books, see library fund account.

ADMINISTRATION—1904-1905.

George E. MacLean, president.....	\$ 6,000.00	
F. C. Drake, secretary to president.....	900.00	
Alice B. Chase, executive clerk	700.00	
President's office supplies.....		132.49
W. J. McChesney, secretary to Board of Regents.	1,800.00	
L. W. Dutcher, assistant.....	1,000.00	
R. B. Pike, clerk.....	225.00	
Secretary's office supplies.....		150.00
Lovell Swisher, treasurer.....	800.00	
Clara L. Abernethy, assistant registrar....	600.00	
Eula DeVoll, assistant.....	330.00	
Registrar's assistants by the hour.....	162.05	
Registrar's office supplies.....		281.54
Superintendent of grounds and buildings, office appropriation.....		50.00
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Total salaries, apparatus and supplies for the year 1904-1905.....	\$ 12,517.05	\$ 614.03

1904-1905.

SUMMER SESSION AND LIBRARY SCHOOL

June 20-July 30, 1904.

J. H. T. Main, professor of Greek	\$ 200.00
F. H. Potter, professor of Latin	245.00
F. C. L. Van Steenderen, professor of French...	200.00
S. H. Bush, assistant professor of French.....	45.00
C. B. Wilson, professor of German.....	200.00
Josef Wiehr, lecturer in German	60.00
H. W. Ward, professor of English.....	200.00
H. G. Buehler, instructor in English.....	100.00
Rose M. Kavana, instructor in English.....	100.00
H. E. Gordon, professor of public speaking	200.00
Ethel Elliott, assistant in public speaking.....	60.00
W. C. Wilcox, professor of history.....	200.00
I. A. Loos, professor of sociology, etc.....	200.00
B. F. Shambaugh, professor of political science..	200.00
C. E. Seashore, professor of psychology.....	200.00
Mabel C. Williams, instructor in psychology.....	100.00
F. E. Bolton, professor of education and director	300.00
S. S. Colvin, professor of philosophy and education.....	200.00
G. L. Houser, professor of morphology	200.00
H. M. Ivins, assistant in morphology	50.00
Bohumil Shimek, professor of botany.....	200.00
F. J. Seaver, assistant in botany.....	60.00

A. A. Veblen, professor of physics.....	200.00		
W. M. Boehm, assistant in physics	60.00		
L. G. Weld, professor of mathematics....	200.00		
J. V. Westfall, instructor in mathematics.....	60.00		
F. A. Wilder, professor of geology.....	200.00		
L. W. Andrews, professor of chemistry.....	200.00		
Esther Crawford, instructor, library school.....	225.00		
Annie C. Moore, instructor, library school.....	75.00		
Fannie Duren, instructor, library school.....	80.00		
Alice S. Tyler, director, library school.....	25.00		
Apparatus and supplies.....		\$	155.00
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Total salaries, apparatus and supplies, summer session and library school, for the year 1904-1905.....	\$ 4,845.00	\$	155.00

UNIVERSITY EXTENSION—1904-1905.

Traveling expenses and supplies.....	885.59
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FIXED CHARGES—1904-1905.

President's traveling expenses.....	\$ 293.33
Commencement expenses.....	857.47
Alumni Association	100.00
General unclassified account	7,489.12
This sum was expended for items for which no special appropriations were made.	
Mimeographic and stenographic service for the several departments.....	250.00
Board of Publication.....	500.00
This sum was expended for publishing 3,000 copies of the Alumni Register; and monograph, Iowa Studies IV in The Psychological Review; and for plates, etc., purchased from the Franklin Company.	
Printing and paper.....	2,981.71
Publications, stationery, and miscellaneous printing.	
Calendars and announcements	2,463.16
Cost of printing and mailing calendars and announcements of all colleges and schools.	
Postage:	
On second-class matter.....	300.00
On general matter.....	1,449.10
Telegrams.....	80.01
Telephones.....	251.01
Advertising, of the University in miscellaneous papers.....	1,537.56

Janitor service.....	10,342.72
Head janitors are paid from \$40 to \$50 per month, scrub women, from \$12 to \$18 per month, and student and other help, 15 cents an hour. The pay roll contains from thirty to forty persons, many on part time.	
Engineer and firemen	4,480.06
Engineer is paid \$75 per month, firemen from \$35 to \$45. From four to ten firemen are employed, varying according to the season of the year.	
Power house and heating plant repairs....	309.45
Fuel.....	16,212.28
Contract for coal for 1904-1905 was awarded to J. B. Frahm Co., Davenport, Iowa, for Springfield mine run, \$2.80 per ton; and to E. E. Pinney Coal Company, Cedar Rapids, Oskaloosa lump, \$2.80; mine run, \$2.61 per ton; fancy steam, \$1.85 per ton. Prices are f. o. b., Iowa City. Hauling costs about 18c per ton. Consumption about 6,000 tons.	
Water service.....	1,644.00
The Iowa City Water Co. furnishes water for all University buildings for \$411 per quarter.	
Gas and electric light.....	1,722.97
The Iowa City Gas Light Co. furnishes gas for all University buildings for \$1.40 per 1,000 cubic feet. Iowa City Electric Light Co. furnishes electric light for 10c per k. w.	
Opera house rent.....	221.69
\$30 per night and \$20 per day.	
Y. M. C. A., rent.....	784.50
The University rents three large rooms on the second floor for the literary societies, the gymnasium and bath rooms for the ladies' gymnasium, and several smaller rooms; for \$200 per quarter. The University heats and lights the building and furnishes an attendant.	
Janitors' supplies.....	805.80
Scavenger service.....	100.00
Ice.....	75.00
Y. M. C. A., support.....	399.05
Money expended to maintain employment bureau, and to make up directory of rooming and boarding places.	
Lighting campus....	249.60
The Iowa City Electric Light Company furnishes four arc lights to illuminate campus at a rate of \$6.25 per light per quarter.	
University Hospital supplies.....	167.50
Expended as follows:	
X-ray motor, \$70.00; compressed air motor, \$37.50; typewriter, \$60.00.	

REPORT OF THE SECRETARY.

105

Soundings for dam.....	300.00
Expended for labor and material for making soundings for dam.	
Louisiana Purchase Exposition material.....	228.75
Expended for freight and labor on material obtained from the Louisiana Purchase Exposition.	
Total fixed charges, 1904-1905.....	\$ 56,595.84

REFUNDED TUITIONS—1904-1905.

Tuition refunded for various reasons, by order of the Board of regents.....	253.75
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Exhibit A.

UNIVERSITY HOSPITAL ACCOUNT—1904-1905.

Receipts:		
Hospital earnings	\$	14,800.27
Nurses' earnings.....		158.00
Bandaging fees.....		2,075.30
Disbursements:		
Salaries, Nurses' Training School.....	\$	2,604.67
Help.....		2,247.54
Provisions.....		6,747.24
Household.....		3,408.91
Medicine.....		1,361.13
	\$	16,369.49
Surplus for year.....		664.08
Total.....	\$	17,033.57
		\$ 17,033.57

Exhibit B.

UNIVERSITY HOMEOPATHIC HOSPITAL ACCOUNT—1904-1905.

Receipts:		
Cash on hand, July 1, 1904	\$	115.94
Hospital earnings		5,264.76
Nurses' earnings		426.00
Bandaging fees.....		505.00
Disbursements:		
Salaries, Nurses' Training School	\$	1,471.00
Help		765.35
Provisions.....		2,563.82
Household		916.53
Medicine		254.24
	\$	5,970.94
Surplus for the year.....		330.76
Total	\$	6,311.70
		\$ 6,311.70

THE STATE UNIVERSITY.

Exhibit C.

DENTAL CLINIC RECEIPTS—1904-1905.

October, 1904	\$	101.66
November, 1904.....		138.82
December, 1904.....		424.55
January, 1905.		363.68
February, 1905		582.75
March, 1905		763.80
April, 1905		310.20
May, 1905		427.35
June, 1905.....		827.18
Total receipts, 1904-1905.....	\$	3,939.99

Exhibit D.

LAW LOAN BOOK ACCOUNT—1904-1905.

Receipts:

Cash on hand, July 1, 1904	\$	6.50
Rent on law loan sets.....		309.25

Disbursements:

Z. Seeman, binding	\$	15.35
Baker & Voorhees, books.....		39.00
Jas. Barr, books.....		54.15
Cash on hand, June 30, 1905.....		207.25

Total	\$	315.75	\$	315.75
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ALUMNI BOOK ACCOUNT—1904-1905.

Cash on hand July 1, 1904	\$	30.45
Cash on hand June 30, 1905	\$	30.45
Total	\$	30.45
	\$	30.45

LIBRARY FUND—1904-1905.

RECEIPTS.

State warrants	\$	10,000.00
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DISBURSEMENTS.

General Library:

Peabody Institute, books.....	\$	4.50
J. A. Burlingame Co., books.....		57.00
Sampson, Law, Marston & Co., books		2.69

B. G. Teubner, books.....	16.72
Modern Law Association of America, books..	2.70
Am. Ass'n Adv. Science, books.....	8.00
Anderson Auction Co., books	4.00
Morang & Co., books.....	1.50
W. H. Lowdermilk & Co., books	50.00
Philadelphia Bookstore Co., books	53.75
J. I. Wyer, books	2.00
Military Service Institute, books.....	1.00
Society of Chemical Industry, books.....	11.25
Universal Research Ext., books.....	42.00
Library of Congress, books.....	2.56
G. L. Marick	8.00
Merwin-Clayton Sales Co., books	7.79
Libbie & Co.....	2.81
J. T. Ries.....	2.75
Library Bureau	47.50
K. C. Koferkorn.....	1.25
G. F. Ackley	1.00
H. W. Wilson Co.....	5.00
E. D. North	4.50
F. Edwards	390.00
Mining Magazine... ..	2.50
Kenyon News and Postal Subscription Co	143.78
A. C. McClurg & Co... ..	239.84
Boston Book Co.....	29.00
G. E. Stechert & Co.....	318.34
Dodd, Mead & Co.....	112.00
Publishers' Weekly.....	7.00
A. L. A. Publishing Board	42.95
G. Fock	40.96
Jos. McDonough.....	57.41
Miscellaneous persons	75.95
Total	\$ 1,800.00

Liberal Arts Library:

G. E. Karsten, books	6.00
Albert Britnell	30.02
Kenyon News and Postal Subscription Co.....	298.40
A. C. McClurg & Co.....	1,144.28
Putnam & Sons	12.20
D. H. Ward	2.50
J. B. Ellis	20.00
Speyer & Peters.....	104.40
Eugene Dietzgen Co.....	16.70
Engineering and Mining Journal	27.45
Review of Reviews.....	11.00
Jos. McDonough.....	12.75
Edward Caldwell	78.00

Burrows Bros. & Co.....	19.60
Library Bureau.....	46.20
F. Edwards.....	97.25
L. N. Wilson.....	3.50
C. L. Smith.....	140.20
G. E. Stechart & Co.....	1,848.69
Jos. Baer.....	70.85
Iowa Publishing Co.....	25.00
T. J. Fitzpatrick.....	47.00
C. E. Lauriat Co.....	35.88
G. L. Houser.....	26.00
Miscellaneous persons.....	373.10
Total.....	\$ 4,496.97
Law Library:	
Bancroft-Whitney Co., books.....	108.17
Bobbs-Merrill Co.....	12.00
Banks-Law Publishing Co.....	15.20
S. H. Carr.....	133.50
West Publishing Co.....	276.00
T. H. Flood & Co.....	273.90
Z. Seeman, binding.....	90.70
Lawyers Co-operative Publishing Co.....	20.00
Boston Book Co.....	106.93
E. Thompson & Co.....	18.00
American Law Book Co.....	50.80
Callaghan & Co.....	5.00
Miscellaneous persons.....	42.33
Total.....	\$ 1,152.53
College of Medicine Library:	
Polk & Co., books.....	10.00
G. E. Stechart & Co.....	393.92
A. C. McClurg & Co.....	46.86
Kenyon News and Postal Subscription Co.....	79.45
Gustav Fock.....	200.00
Miscellaneous persons.....	12.50
Total.....	\$ 742.73
College of Homeopathic Medicine Library:	
Polk & Co., books.....	10.00
A. C. McClurg & Co.....	168.00
P. Reilly.....	12.00
Davis & Co.....	10.00
Total.....	\$ 200.00

DISBURSEMENTS.

College of Dentistry Library:

A. C. McClurg & Co., books.....	\$ 71.01
A. Britnell.....	26.89
G. E. Stechert & Co.....	10.00
Miscellaneous persons.....	17.10
	<hr/>
	\$ 125.00

College of Pharmacy Library:

Boston Book Co., books.....	\$ 4.86
A. C. McClurg & Co.....	109.74
Kenyon News & Postal Sub. Co.....	6.80
	<hr/>
	\$ 121.40

Binding:

Zaccheus Seeman.....	\$ 576.22
Neuman & Co.....	24.25
P. Ringer and Hertzberger.....	370.00
T. S. Metcalf.....	4.50
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	\$ 974.97

Cash on hand, June 30, 1905	386.40
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\$ 10,000.00	\$ 10,000.00
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PERMANENT LAND ENDOWMENT FUND—1904-1905.

Cash on hand, July 1, 1904.....	\$ 235,120.36
Cash on hand, June 30, 1905.....	\$ 235,120.36
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\$ 235,120.36	\$ 235,120.36

DONATED LAND FUND—1904-1905.

Receipts:

Cash on hand, July 1, 1904.....	\$ 1,140.46
Rents on land and interest on loans.....	548.25

Disbursements:

County Clerk, Wright county, court costs.....	\$ 37.59
Cash on hand, June 30, 1905.....	1,651.12
	<hr/>
\$ 1,688.71	\$ 1,688.71

SPECIAL LAND FUND—1904-1905.

Receipts:

	Cash on hand, July 1, 1904.....	\$ 1,150.86
1904		
Oct. 28,	State warrant	6,250.00
Dec. 16,	State warrant	3,125.00
1905		
March 20,	State warrant	3,125.00
	Rents received	1,444.50
	Material sold.....	1,747.14

Disbursements:

1904		
Oct. 28,	C. S. Welch and A. J. Hanley and Sarah Hanley; part payment on lot 1, except 40 feet off from the south end thereof, block 91, Iowa City, Iowa	\$ 4,900.00
	Wm. A. Kettlewell and Grace C. Kettlewell; part payment on east half lot 2, block 91, Iowa City, Iowa.....	1,000.00
Dec. 16,	Beatrice T. Emmons and Chas. A. Emmons and Flora E. Porch; part payment on south 40 feet, lot 1, block 91, Iowa City, Iowa.	1,450.00
	J. C. Cochran and Maria E. Cochran; part payment on east half lot 7 and all of lot 8, block 90, also commencing at southeast corner lot 8, block 90, running north with east line of said lot 8 to northeast corner thereof, running thence east 10 feet, south 150 feet, west 10 feet, to place of beginning; all in Iowa City, Iowa.....	3,800.00
	Wm. A. Kettlewell and Grace C. Kettlewell; part payment on east half lot 2, block 91, Iowa City, Iowa.....	950.00
1905		
March 30,	Ida M. Warner and Ida M. Warner, guardian Lucile Warner; west half lot 2 and east half lot 3, block 91, Iowa City, Iowa.	3,000.00
	Geo. L. Falk, rent of house as nurses' home for University Hospital, from November 1, 1904, to July 1, 1905, at \$45.00 a month	360 00

1905

March 30, Miscellaneous persons, for labor and material.....	318.08	
Cash on hand June 30, 1905	1,064.42	
	<hr/>	<hr/>
	\$ 16,842.50	\$ 16,842.50

ONE FIFTH OF A MILL BUILDING TAX FUND—1904-1905.

Receipts:

Cash on hand July 1, 1904.....	\$ 15,783.64
July 21, 1904, state warrant.....	25,000.00
September 21, 1904, state warrant.....	6,500.00
October 28, 1904, state warrant.....	30,000.00
November 18, 1904, state warrant.....	10,000.00
December 16, 1904, state warrant.....	8,500.00
March 20, 1905, state warrant.....	6,500.00
May 18, 1905, state warrant.....	25,000.00

Disbursements:

Transferred to gymnasium and armory fund.....	33,123.71
Transferred to natural science building fund.....	15,000.00
Transferred to new medical buildings fund.....	36,000.00
Transferred to equipment fund, new medical buildings.....	23,500.00

1904

July 21, Wm. Russell, excavating coal bunkers, 890 yards at 42½ cents.....	378.25
Frank Patterson, building foundation for Stirling boiler, mason and helper, three days at \$6.00.	18 00
John Trump, labor on coal bunkers	35.60
C. A. Brown, hauling stone for coal bunkers.....	29.20
Henry Stelling, mason work on coal bunkers.....	36.90
Walter Alberhaskey, labor on coal bunkers.....	2.45
K. Fowler, labor on coal bunkers, \$2 per day.....	19.90
N. Ehl, labor on coal bunkers, \$2 per day.....	19.90
Joe Huffman (and team) labor on coal bunkers, \$3.50 per day....	20.61
Wm. McKay, labor on coal bunkers, \$2 per day.....	24.67
Jay Leatherby, labor on coal bunkers, \$2 per day.....	1.11

ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

Disbursements—Continued.

1904

July	21, C. W. Murphy, labor on coal bunkers, \$2 per day	1.78
	D. S. Welch, assisting Sup't Buildings and Construction, 1 month	60.00
	Jas. Rowson & Son, brick and extra excavation for gymnasium and armory, and stone for coal bunkers	40.82
	Jas. Rowson & Son, brick for boiler setting, 10,000 at \$9.25	92.50
	C. Hurley, sewer from new Natural Science Building to connection with Iowa Avenue sewer ..	102.50
	W. F. Leinbaugh, cement and lumber for coal bunkers	160.16
	J. R. Tobeck, sand and gravel for coal bunkers	42.60
	The John Davis Co., material for steam lines to new medical buildings ..	19.13
	Sheets & Freyder, frames for doors of coal bunkers	5.00
	N. Oakes, 150 feet 8-inch drain tile at 6 cents, for coal bunkers	9.00
August	23 Frank Patterson, mason work on old and new boilers	140.00
	Herman Bogs, labor on buildings, \$2 per day	28.00
	• John Smith, labor on buildings, \$2 per day	2.00
	William Klema, labor on buildings, \$2 per day	2.00
	George Klema, labor on buildings, \$2 per day	19.78
	John Trump, mason work on coal bunkers, at 40c an hour	97.20
	Henry Stelling, mason work on coal bunkers, at 45c an hour ..	114.95
	Joe Kendall, work on coal bunkers, at \$2.00 a day	4.00
	P. Fowler, labor on coal bunkers, at \$2.00 per day	14.89
	Albert Gohr, labor on women's gymnasium, at \$2.00 per day ..	4.00
	Harry Klema, labor on women's gymnasium, at \$2.00 per day ..	23.77

ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

Disbursements—Continued.

1904

August 23, The Stirling Co., 200 horse-power Stirling boiler, less freight.....	1,605.71
The John Davis Co., steam line joints.....	14.51
Electric Appliance Co., material for electric line, new medical buildings.....	196.76
W. F. Leinbaugh, material for buildings.....	156.29
N. Ehl, labor on coal bunkers at \$2.00 per day	11.78
Sheets & Freyder, two doors for coal bunkers	10.00
G. W. Schmidt, brick for setting Stirling boiler	72.59
Ditmar & Ayers, lumber for women's gymnasium.....	62.23
C. Hurley, labor in women's gymnasium.....	4.80
J. R. Tobeck, sand and gravel...	9.00
W. S. Thomas, hardware for doors, coal bunkers.....	1.75
K. Fowler, labor on coal bunkers, \$2.00 per day.....	54.00
Wm. McKay, labor on coal bunkers, \$2.00 per day.....	54.00
Joe Erb, labor on sewer, \$2.00 per day	12.00
Joe Huffman, man and team hauling gravel and sand, \$3.50 per day	21.00
Wm. Bright, carpenter work connecting to engineering sheds and reconstruction old medical building.....	560.22
Frank Anton, labor on boiler at \$2.00 per day.....	30.00
Iowa City Sand Co., sand and gravel for coal bunkers.....	21.05
Leuz & Co., freight on boiler and hauling, etc.....	178.26
Fox, Hutchinson & Lake Co., lumber.....	13.20

ONE FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

Disbursements—Continued.

1904

August 23,	D. S. Welch, assisting superintendent of grounds and buildings, one and one-third months at \$60.00.....	80.00
	Jas. Rowson & Son, 10,000 brick for coal bunkers at \$9.25.....	92.50
	American Conduit Co., conduit for connection.....	21.60
	W. A. Kettlewell, hangers and clamps.....	15.50
	Parsons & Stouffer, hardware for women's gymnasium.....	27.86
	Dan Leuz, painting engineering sheds.....	90.00
	D. Morgan, carpenter work on women's gymnasium, \$3.00 per day.....	168.00
	Crane Co., steam pipe and fittings	98.48
	C. A. Brown, hauling stone for coal bunkers.....	24.66
	J. Betzler, carpenter work, women's gymnasium, at 50 cents an hour.....	85.50
	J. T. Ries, tracing cloth.....	2.76
	Wm. Russell, man and team, excavating.....	6.40
Sept. 21.	Dan Leuz, painting women's gymnasium.....	165.00
	Wm. Bright, carpenter work, old medical sheds, at \$2.75 per day	25.78
	Frank Patterson, mason work on boiler, at 45 cents an hour.....	22.28
	W. F. Leinbaugh, cement and lumber.....	91.69
	Fox, Hutchinson & Lake Co., lumber and lime.....	40.65
	Maresh Bros., steel ceiling, women's gymnasium.....	175.00
	G. W. Schmidt, fire brick, pipes, etc.....	264.94
	Ira E. Tulloss, manhole covers, coal bunkers.....	103.50
	C. Hurley, plumbing, women's gymnasium.....	7.05
	Jas. Rowson & Son, brick for coal bunkers, at \$9.25 per thousand	76.81

ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

Disbursements—Continued.

1904

Sept. 21, Parsons & Stouffer, hardware....	8.92
Iowa City Sand Co., washed sand	8.40
G. H. Ellsworth, one-half month's salary as superintendent buildings and construction.....	75.00
Wm. Russell, cement floor work, women's gymnasium.....	12.50
H. Bogs, labor, cement floor work, women's gymnasium.....	14.00
Leuz & Co., freight and hauling.	7.88
Joe Erb, labor, cement floor, women's gymnasium, at \$2.00 per day.....	14.00
P. Fowler, labor, cement floor, women's gymnasium, at \$2.00 per day.....	9.11
Albert Gohr, labor, cement floor, women's gymnasium, at \$2.00 per day.....	13.33
George Klema, labor, coal bunkers, at \$2.00 per day.....	8.89
Harry Klema, labor, coal bunkers, at \$2.00 per day.....	8.89
Joe A. Jenks, labor, coal bunkers.	50.00
D. S. Welch, assisting superintendent buildings and construction, one month.....	60.00
E. L. Kauffman, labor, coal bunkers, \$2.00 per day.....	26.00
Frank Anton, labor, coal bunkers, \$2.00 per day.....	9.00
K. Fowler, labor, coal bunkers, \$2.00 per day.....	12.67
Wm. McKay, labor, coal bunkers, \$2.00 per day.....	12.67
J. Trump, labor, coal bunkers, \$2.00 per day.....	24.40
A. Wykoff & Sons Co., steam pipe lines	55.75
Quaker City Rubber Co., gaskets..	16.26
Henry Stelling, mason work on coal bunkers, 45c per hour.....	27.45
Pat Hogan, cement work, women's gymnasium, \$2.00 per day.....	5.11
J. A. Huffman, man and team hauling sand, \$3.50 per day....	21.00

ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

Disbursements—Continued.

1904

Sept.	21.	Crane Co., pipe fittings, etc.....	225.48
		Electric Appliance Co., electrical supplies.....	42.95
		J. Betzler, carpenter work, women's gymnasium.....	26.25
Oct.	28.	D. S. Welch, assisting superinten- dent buildings and construction, 1 month.....	60.00
		Crowley & Son, 130 perches stone at quarry, at 80c.....	104.00
		Jas. Rawson & Son, 12,000 brick for coal bunkers, at \$9.25.....	111.00
		B. Stillwell, painting women's gymnasium.....	45.70
		Parsons & Stouffer, hardware.....	7.74
		G. H. Ellsworth, superintendent building and construction, one half salary, one month.....	75.00
		C. Hurley, plumbing, women's gymnasium.....	265.20
		Western Electric Co., electrical supplies, women's gymnasium.	2.65
		Electric Appliance Co., electrical supplies, women's gymnasium..	86.93
		C. E. Fawcett, wiring in woman's gymnasium.....	1.25
		G. W. Schmidt, steel work in coal bunkers, per contract.....	934.10
		R. Witzke, hauling sand.....	4.88
		L. Wolf, Manufacturing Co., supplies, women's gymnasium..	193.05
		J. W. Osborn, supplies, women's gymnasium.	28.50
		Leuz & Co., freight and hauling...	25.46
		Jas. Rawson & Son, contract price, coal bunkers.....	850.00
		C. R. I. & P. Railway Co., freight	3.78
		P. Fowler, labor on coal bunkers, \$2.00 per day.....	28.33
		Wm. Klema, labor on coal bunkers, \$2.00 per day.....	5.56
		Joe Kindl, labor on coal bunkers, \$2.00 per day.....	11.11
		Herman Bogs, labor on coal bunkers, \$2.00 per day.....	11.44

ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

Disbursements—Continued.

1904

Oct,	28,	John Trump, labor on coal bunkers, \$2.00 per day.....	16.00
		John Shrader, labor on women's gymnasium, \$2.00 per day....	21.33
		Albert Gohr, labor on coal bunkers, \$2.00 per day.....	17.45
		W. F. Leinbaugh, lumber.....	35.50
		George Klema, labor on coal bunkers, \$2.00 per day.....	5.56
		Harry Klema, labor on coal bunkers, \$2.00 per day.....	5.56
		Thos. McLachlan, carpenter work women's gymnasium, \$2.50 per day	52.50
		Wm. Russell, labor on coal bunkers, \$2.00 per day.....	16.44
		W. McArthur, labor in women's gymnasium.....	7.25
		Bert Elmore, labor in medical buildings.....	3.40
		J. M. Stevens, labor in medical buildings.....	22.62
		Jas. B. Clow & Sons, steam pipes	60.89
		N. O. Nelson Mfg. Co., 10 shower baths, women's gymnasium...	126.20
		Oakes Brothers, tile.....	.97
		The Vulcan Co., window guards, women's gymnasium	47.54
Nov.	18,	Albert Gohr, labor in women's gymnasium.....	10.00
		P. Fowler, labor in women's gymnasium.....	16.00
		Joe Kendall, labor in women's gymnasium... ..	5.78
		H. Boggs, labor in women's gymnasium	6.00
		Wm. Russell, labor in women's gymnasium.....	10.70
		D. S. Welch, assisting superintendent of buildings and construction, one month.....	60.00
		I. N. Crow, labor in women's gymnasium.....	11.60
		C. Hurley, plumbing in women's gymnasium.....	151.33
		Parsons & Stouffer, hardware.....	2.51

ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

Disbursements—Continued.

1904.

Nov. 18,	Fox, Hutchinson & Lake Co., lumber.....	5.09
	Dan Leuz, painting women's gymnasium.....	26.16
	G. H. Ellsworth, one half month's salary as superintendent buildings and construction.....	75.00
Dec. 16,	G. H. Ellsworth, one half month's salary as superintendent buildings and construction.....	75.00
	D. S. Welch, assisting superintendent buildings and construction, one month.....	60.00

1905

Jan. 25,	Johnson Service Co., air compressor, L. A. building.....	35.00
	Thos. McLachlan, carpenter work	55.00
	J. M. Stevens, labor as electrician	15.75
	G. H. Ellsworth, one half month's salary as superintendent buildings and construction.....	75.00
	Timothy Collins, labor, women's gymnasium.....	2.50
	Jas. Russell, labor on liberal arts building.....	9.00
	John Shrader, labor, steam heating apparatus.....	26.67
	Engineering Record, advertising bids, moving science building.	4.40
	American Contractor, advertising bids, moving science building..	3.00
	George Bright, carpenter work....	5.00
	C. Hurley, plumbing in three buildings.....	151.93
	D. S. Welch, assisting superintendent building and construction, one month.....	60.00
March 10,	G. H. Ellsworth, one-half month's salary as superintendent of buildings and construction....	75.00
	D. S. Welch, one month's salary for assisting superintendent building and construction.....	60.00
	W. G. Raymond, expenses, inspecting engineering schools...	164.98

ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

Disbursements—Continued.

1905

April	13,	D. S. Welch, salary for assisting superintendent buildings and construction.....	60.00
		G. H. Ellsworth, one-half month's salary as superintendent buildings and construction.....	75.00
		C. Hurley, plumbing in homeopathic hospital.....	96.09
		W. F. Leinbaugh, lumber.....	1.95
		Frank Patterson, plastering University hospital.....	3.50
		W. S. Thomas, hardware, University hospital.....	1.25
		Frank Englert, carpenter work, \$2.50 per day.....	13.75
May	18,	G. H. Ellsworth, superintendent buildings and construction, one-half month's salary.....	75.00
		D. S. Welch, one and one-half months' salary, assisting superintendent buildings and construction	95.50
		W. S. Thomas, hardware, old science building.....	17.50
		Parson & Stouffer, hardware.....	6.00
		C. Hurley, plumbing, University hospital and homeopathic hospital	111.13
		Anthony Carroll, labor, man and team, hauling, old science building	59.15
		Crane Co., material.....	24.58
		M. Gerber, repairing roofs on buildings	77.31
		Chandler Pump Co., pipe fittings	44.54
		John Shrader, labor, old science building	33.00
		Mike Ganz, labor, old science building	31.11
		R. Witzke, man and team hauling stone, old science building...	52.12
		F. P. Inglert, carpenter work, \$2 50 per day.....	49.16
		J. F. Conner, man and team hauling stone, old science building	61.84

ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

Disbursements—Continued.

1905

May	18 Pat Burke, cement work, University laundry	16.00
	Harry Klema, cement work, University laundry.....	6.67
	P. Fowler, cement work, University laundry	6.67
	F. A. Slyfield, cement work, University laundry.	4.00
	R. Thompson, labor, old science building.....	28.89
	Jas. Mungovan, labor, old science building.....	22.67
	Emil Mocha, labor, old science building.....	20.00
	Laborers on excavation, old science building, at \$2.00 as follows:	
	H. Lovlady.....	16.89
	Frank Kehrie.....	16.89
	P. K. Siepman.....	14.22
	Eli Seydel	21.00
	F. F. Smith.....	21.00
	Jas. Vitoush.....	10.50
	Albert Wise.....	10.00
	M. Hutka.....	6.89
	F. Bittner.....	25.12
	F. Chensky.....	26.67
	W. Klema.....	36.00
	Pat Hogan.....	36.00
	Joe Erb.....	34.67
	Jas. Russell.....	21.79
	A. Goettle.....	6.89
	J. Sulmash.....	19.78
	Chas. Murphy.....	31.56
	R. Wiese.....	52.50
	J. Carroll	6.00
	F. Russell.....	4.00
	D. Conley.....	27.56
	C. W. Thompson (man and team)	64.17
	G. Cronan.....	14.67
	Wm. Russell (man and team)....	84.89
	Joe Dvorak.....	.89
	Geo. Emmons.....	40.50
	Tom Davis.....	33.84
	H. Bouge.....	26.45
	Tom Glasgow.....	22.67
	Geo. Klema.....	32.89

ONE-FIFTH OF A MILL BUILDING TAX FUND—CONTINUED.

Disbursements—Continued.

1905			
May	18,	F. Johnson.....	7.56
		W. F. Leinbaugh, cement for University laundry.....	28.88
		Fox, Hutchinson & Lake Co., lumber.....	46.41
		Cerny & Lewis, blue print paper..	1.00
		Maresh Bros., steel ceiling Univer- sity hospital dining room.....	45.75
		J. H. Allen, expenses, inspecting engineering buildings.....	192.85
		G. H. Ellsworth, superintendent buildings and construction, one- half month's salary.....	75.00
June	14	Laborers on excavation, old science building, at \$2.00, as follows ..	
		Robt. Thompson.....	41.11
		Wm. Klema.....	12.00
		Pat Hogan.....	37.11
		R. Witzke.....	55.21
		J. F. Conner.	45.50
		Mike Ganz.....	34.00
		R. Wiese.....	8.16
		D. Sediveck	6.50
		J. Herring.....	6.50
		E. Crowley, stone for old science building.....	48.00
		D. S. Welch, one month's salary assisting superintendent of buildings and construction....	65.00
		J. Shrader, repairing steam heat- ing systems.....	50.00
June	14,	Jas. Rowson & Son, excavation, old science building.....\$	299.22
		L. P. Friestedt Co., one-third of total contract price for moving science building.. . . .	4,300.00
		Fox, Hutchinson & Lake Co., ce- ment, foundation, old science building	381.30
		C. Hurley, plumbing, old science building	21.15
		Oakes Brothers, brick foundation, old science building.....	274.05
		C., R. I. & P. R'y. Co., freight on material, old science build- ing	75.66
		Cash on hand, June 30, 1905.....	145.74
			\$ 127,283.64 \$ 127,283.64

NATURAL SCIENCE BUILDING FUND, 1904-1905.

Receipts:

Cash on hand, July 1, 1904.....	\$ 7,000.00
Transferred from building tax fund	30,000.00

Disbursements:

Jas. Rowson & Son, contractors.....	\$ 33,772.14
Proudfoot & Bird, architects	1,200.00
G. H. Ellsworth, one-half of salary for eight months as superintendent buildings and construction	600.00
Miscellaneous persons, labor or material.....	5.43
Cash on hand, June 30, 1905.....	1,422.43
	<hr/>
	\$ 37,000.00
	\$ 37,000.00

NEW MEDICAL BUILDINGS FUND, 1904-1905.

1904

Balance on hand, July 1, 1904....	\$ 7,376.49
Sept. 16, Transferred from building tax fund	15,000.00
Nov. 18, Transferred from building tax fund	1,000 00
Dec. 22, Transferred from building tax fund	5,000.00

Disbursements:

Jas. Rowson & Son, contractors	\$ 15,458.06
Proudfoot & Bird, architects	362.00
G. H. Ellsworth, part of salary as superintendent buildings and construction.....	375.00
Johnson Temperature Controlling Co.....	724.50
New York Blower Co.....	3,303.00
L. Wolff Manufacturing Co.....	511.90
Link-Belt Machinery Co	144.63
Western Electric Co.....	673.00
Berggren Electric Co	545.00
G. W. Schmidt	235.00
Martin Gerber.....	319.04
C. Hurley.....	350.47
Winslow Electric and Machine Co.....	1,940.05
Automatic Heating Co.	800.00
C., R. I. & P.R'y Co, freight.....	501.01
Miscellaneous persons	1,324.64
Cash on hand June 30, 1905.....	809 19
	<hr/>
	\$ 28,376.49
	\$ 28,376.49

EQUIPMENT FUND—NEW MEDICAL BUILDINGS, 1904-1905.

Receipts:

Cash on hand July 1, 1904.....	\$ 9,185.19
Transferred from building tax fund.....	23,500.00

Disbursements:

Equipment, Department of Histology.....	\$ 1,876.81
Equipment, Department of Materia Medica...	349.00
Equipment, Department of Ophthalmology and Otology.....	1,890.96
Equipment, Department of Pathology	2,732.97
Equipment, Department of Physiology.....	2,286.23
Equipment, Department of Theory and Prac- tice	612.58
Equipment, Bacteriological Laboratory.....	2,342.35
Equipment, Department of Anatomy	438.03
Equipment, Department of Surgery.....	1,055.54
Chicago General Fixture Co., equipment.....	851.85
Slatington-Bangor Slate Syndicate, equipment.	147.26
Bausch & Lomb Optical Co., equipment.....	290.00
C., R. I. & P. R'y Co., freight on equipment.	777.02
J. T. Bailey, equipment.....	55.00
Herrick Refrigerator and Cold Storage Co., equipment.....	65.00
Toledo Desk and Fixture Co., equipment.....	6,611.69
C. A. Yetter, equipment.....	140.00
Geneva Optical Co., equipment.....	75.00
L. Wolff Mfg. Co., equipment.....	235.50
University Press Co., equipment.....	294.10
W. P. Hohenschuh, equipment.....	709.10
C. Hurley, equipment	246.42
Grand Rapids School Furniture Works, equip- ment.....	1,214.71
Western Electric Co., equipment.....	76.71
G. W. Schmidt, equipment... ..	74.90
Schneider Brothers, equipment.....	1,199.09
Sheets & Freyder, equipment.....	276.25
Proudfoot & Bird, plans and specifications for equipment.....	360.00
W. J. Welch, equipment.....	187.50
Martin Gerber, equipment.....	87.77
M. Gillet, equipment.....	2,814.82
Miscellaneous persons, for labor and material.	114.62
Cash on hand June 30, 1905	2,196.41

\$ 32,685.19	\$ 32,685.19
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GYMNASIUM AND ARMORY FUND—1904-1905.

Receipts:

Transferred from building tax fund.....	\$ 33,123.71
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Disbursements:

Jas. Rowson & Son, contractors.....	\$ 28,640.12	
C., R. I. & P. R'y Co., freight	102.52	
C. Hurley, plumbing	1,019.91	
N. O. Nelson Manufacturing Co., material..	143.08	
Crane Co., material.....	341.08	
Julius Andrae & Sons Co., material.....	494.39	
Rundle-Spence Manufacturing Co., material..	928.77	
Miscellaneous persons, labor and material....	1,453.84	
	<hr/>	<hr/>
	\$ 33,123.71	\$ 33,123.71

ENGINEERING BUILDING FUND—1904-1905.

Receipts:

State warrants	\$ 12,500.00
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Disbursements:

Proudfoot & Bird, architects.....	\$ 1,000.00	
Wm. Grace Co., contractors.....	1,998.00	
Improvement Bulletin, advertisement.....	9.80	
The Construction News, advertisement.	11.10	
Register and Leader Co., advertisement.....	17.25	
H. C. Danielson, labor.....	6.25	
Cash on hand June 30, 1905.....	9,457.60	
	<hr/>	<hr/>
	\$ 12,500.00	\$ 12,500.00

TUNNEL AND EXTENSION FUND—1904-1905.

Receipts:

State warrants.....	\$ 5,000.00
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Disbursements:

W. F. Leinbaugh, lumber and cement.....	\$ 195.45	
Electric Appliance Co., material..	533.09	
Scott Valve Co., material.....	769.55	
H. W. Johns-Manville Co., material.....	329.90	
Chandler Pump Co., material.	101.98	
Iowa Telephone Co., material.....	152.43	
C., R. I. & P. R'y Co., freight.....	157.86	
The Michigan Pipe Co., material.....	297.06	
Miscellaneous persons, labor and material....	2,343.41	
Cash on hand June 30, 1905.....	119.27	
	<hr/>	<hr/>
	\$ 5,000.00	\$ 5,000.00

PAVING AND SIDEWALKS FUND—1904-1905.

Receipts:

State warrants.	\$ 4,000.00
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Disbursements:

City of Iowa City, curbing and paving Wash-
ington street:

1,367.81 square yards paving	
at \$1.80.	\$ 2,462.06
420 lineal feet curbing at 60 cents	252.00
1—18-inch radius curb corner....	3.50

	\$ 2,717.56
W. F. Leinbaugh, material.	362.18
Fox, Hutchinson & Lake Co., material.....	50.08
Miscellaneous persons, labor and material—	
labor paid \$2.00 per day.....	745.23
Cash on hand, June 30, 1905.....	124.95

\$ 4,000.00	\$ 4,000.00
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EQUIPMENT AND SUPPLIES FUND—1904-1905.

Receipts:

State warrants.	\$ 10,000.00
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Disbursements:

C., R. I. & P. Ry. Co., freight.....	\$ 246.55
Martin Gerber, labor.....	74.67
W. P. Hohenschuh, chairs, electrical laboratory	6.50
Lansing Wheelbarrow Co., truck, University	
hospital.....	4.80
Iowa City Electric Light Co., lights, women's	
gymnasium.	13.93
B. Stillwell, numbering lockers, woman's	
gymnasium.....	41.65
American Blower Co., ventilating lockers,	
women's gymnasium.....	60.53
W. P. Hohenschuh, furniture, civil engineering	
department.....	75.60
Schneider Bros., chairs for Liberal Arts	
building.....	504.36
Carson, Pirie Scott & Co., household furnish-	
ings, nurses' home.....	281.80
Narragansett Machine Co., 192 lockers,	
women's gymnasium.....	435.48
W. P. Hohenschuh, furniture for University	
hospital and nurses' home.....	261.60
Schneider Bros., beds and mattresses, nurses'	
home.....	245.25

Disbursements:

Sheets & Freyder, 3 bookcases, engineering library.....	46.00	
Dove Sisters, rugs and curtains, nurses' home.....	22.35	
Schneider Bros., desk, umbrella rack, womens' gymnasium.....	21.65	
W. J. Welch, basins and cuspidors, University hospital	19.14	
W. P. Hohenschuh, furniture, 3d floor, University hospital	63.90	
Herrick Refrigerator & Cold Storage Co., refrigerator, University hospital	19.80	
W. P. Hohenschuh, 83½ dozen chairs for gymnasium building.....	610.83	
Narragansett Machine Co., apparatus for gymnasium building.....	\$ 1,401.21	
Carson, Pirie Scott & Co., furnishing nurse's home and third floor, University hospital..	349.89	
Miller Lock Co., gun lockers in armory	54.00	
C. & W. McClain, base ball cage, gymnasium.	93.00	
Sheets & Freyder, gun lockers, armory, and furniture, University hospital.....	452.18	
Spalding Mfg. Co., apparatus for women's gymnasium	359.20	
Kny-Scheerer Co., 16 bedside tables, University hospital.....	100.00	
Schneider Bros., chairs and tables, University hospital.....	65.48	
Nelson & Kreuter Co., laundry machinery for University laundry.....	544.45	
Ed. Rabenau, engine and machinery for University laundry.....	180.94	
F. Tanner, laundry machinery for University laundry	75.00	
Trov Laundry Machinery Co., machinery for University laundry.....	245.00	
Spalding Mfg. Co., apparatus for women's gymnasium.....	103.24	
Merritt & Co., 454 steel lockers for gymnasium	1,193.01	
W. P. Hohenschuh, furniture, women's gymnasium, gymnasium and University hospital	98.75	
Schneider Bros., furniture, departments of German and military science	84.27	
Miscellaneous persons, labor and material....	757.29	
Cash on hand, June 30, 1905.....	786.70	
	<hr/>	
	\$ 10,000.00	\$ 10,000.00

REPAIR AND CONTINGENT FUND—1904-1905.

Receipts:

Overdraft, July 1, 1904.....	\$ 150.12	
August 23, 1904, state warrant		\$ 1,562.50
September 30, 1904, state warrant.....		1,875.00
December 16, 1904, state warrant.....		1,875.00
March 20, 1905, state warrant.....		1,875.00
Error in account for 1903-1904, corrected in 1904-1905 .....		.10

Disbursements:

General repairs.....	4,196.29	
Old Capitol building repairs.....	205.44	
Hall of Liberal Arts repairs	295.30	
Science building repairs.....	7.68	
Physics building repairs.....	106.58	
Dental building repairs.....	317.05	
Old medical building repairs.....	11.32	
Engineering building repairs.....	58.79	
Chemical laboratory repairs.....	370.26	
University hospital repairs.....	386.92	
Homeopathic hospital repairs.....	166.04	
Power house and tunnel repairs.....	798.87	
Athletic field work.....	267.22	
Overdraft, June 30, 1905.....		150.28
	<hr/>	<hr/>
	\$ 7,337.88	\$ 7,337.88

A. WHITNEY CARR FREE SCHOLARSHIP PRINCIPAL FUND
1904-1905.

Cash on hand July 1, 1904.....		\$ 50,000.00
Cash on hand June 30, 1905.....	\$ 50,000.00	
	<hr/>	<hr/>
	\$ 50,000.00	\$ 50,000.00

NOTE—On this fund Mr. Carr is paid 3 per cent annually, and the balance of interest pays for the A. Whitney Carr free scholarships in the College of Liberal Arts.

A. WHITNEY CARR FREE SCHOLARSHIP INTEREST FUND
1904-1905.

Receipts:

Cash on hand July 1, 1904.....	\$ 604.58
Interest on principal of \$50,000.....	2,483.71

Disbursements:

A. Whitney Carr, annuity.....	\$ 1,500.00	
Scholarships as follows:		
Thos. Peterman	20.00	
John Valerius.....	20.00	
Bertha E. Sparks.....	20.00	
J. C. Landers	20.00	
Clara B. Westbrook	20.00	
Agnes Mae Crane	20.00	
Mary F. Williams.....	20.00	
Clara M. Schultz.....	20.00	
Hazel M. Sweet	20.00	
Ella McNeely.....	20.00	
Clara Doll.....	20.00	
Nellie B. Sebern.....	20.00	
Maizie Mortland.....	20.00	
Ray Highland.....	20.00	
H. D. Repass.....	20.00	
C. L. Vestal.....	20.00	
Katherine J. Hodge	20.00	
Pearl A. Gordon.....	20.00	
P. E. Ritz.....	20.00	
Eva Weber.....	20.00	
H. S. Kacherian.....	20.00	
Jo Worster.....	20.00	
Andrew Chalmers.....	20.00	
M. B. Call.....	20.00	
Edwinna Bolton.....	20.00	
Wilhelmina Becker.....	20.00	
Florence E. Neyens.....	20.00	
Abigail E. White.....	30.00	
Samuel R. Hartnell.....	30.00	
John Campbell.....	10.00	
Hilda Rudy.....	20.00	
Cash on hand June 30, 1905	958.29	
	\$ 3,088.29	\$ 3,088.29

F. O. LOWDEN ORATORY PRIZE FUND, 1904-1905.

25 shares of 7 per cent preferred stock of the National Biscuit Co. on hand July 1, 1904, and June 30, 1905	2,500.00	2,500.00
	\$ 2,500.00	\$ 2,500.00

F. O. LOWDEN ORATORY PRIZE INTEREST FUND, 1904-1905.

Receipts:

Cash on hand July 1, 1904	\$	118.75
Interest—7 per cent dividend on 25 shares of stock of National Biscuit Co., gift of F. O. Lowden		175.00

Disbursements:

Max Loeb, first prize, Northern Oratorical League contest.....	\$	100.00		
Theo. Christianson, second prize, Northern Oratorical League contest.....		50.00		
Cash on hand, June 30, 1905.....		143.75		
	\$	293.75	\$	293.75

WILLIAM JENNINGS BRYAN PRIZE FUND, 1904-1905.

Cash on hand July 1, 1904	\$	250.00
Cash on hand June 30, 1905	\$	250.00
	\$	250.00
	\$	250.00

NOTE.—This fund was established by W. J. Bryan, the interest to be used for an annual prize for the best political science essay.

WILLIAM JENNINGS BRYAN PRIZE INTEREST FUND, 1904-1905.

Receipts:

Overdraft, July 1, 1904	\$	8.88
Interest on principal.....	\$	12.50

Disbursements:

F. E. Snedcor, prize	10.00		
Overdraft, June 30, 1905.....			6.38
	<hr/>	<hr/>	
	\$	18.88	\$ 18.88

STATE OF IOWA, }
JOHNSON COUNTY, } ss.

I, William J. McChesney, Secretary of the Board of Regents of the State University of Iowa, being duly sworn, on oath say that the foregoing statement of receipts and expenditures during the period set out is correct and true as I verily believe.

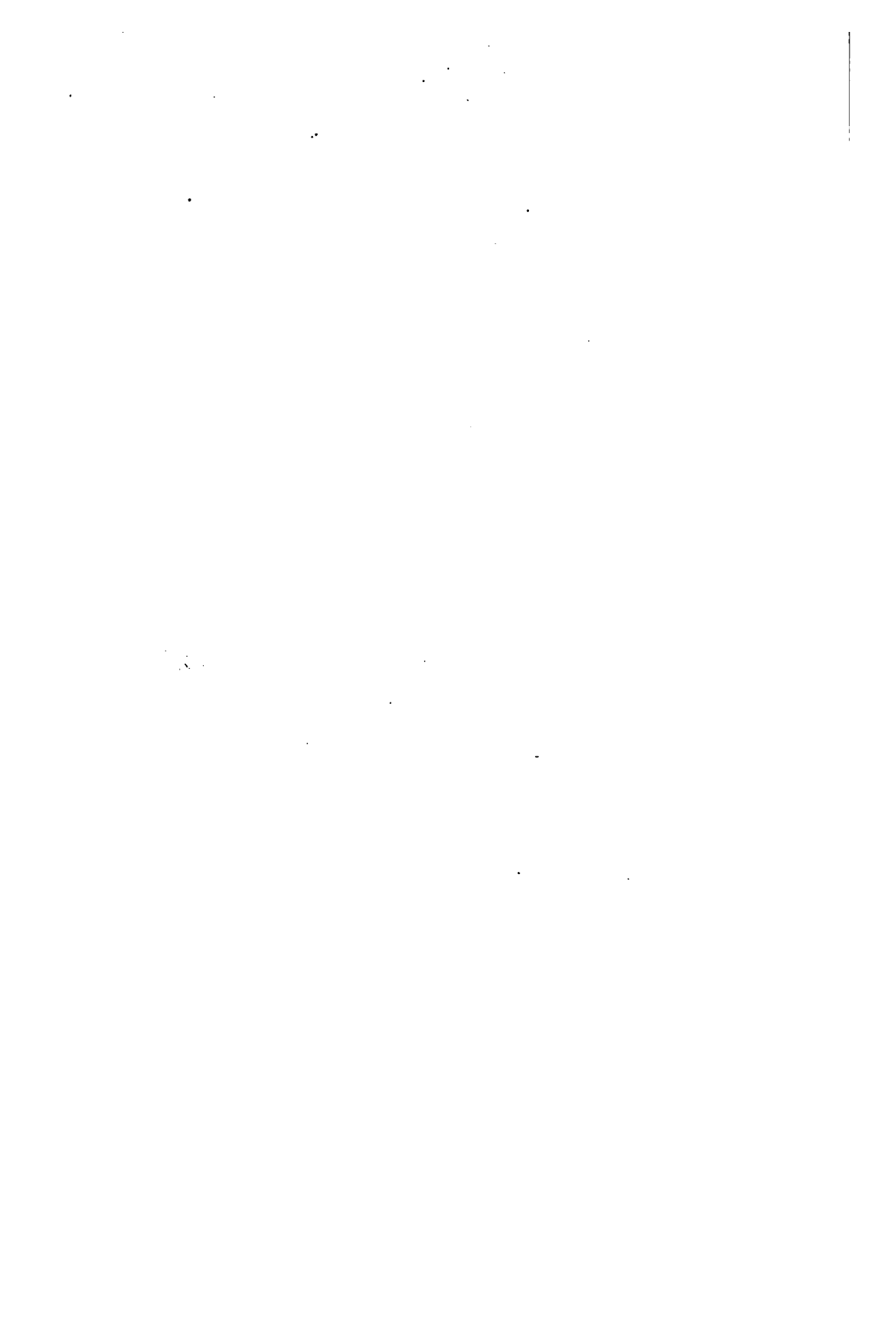
W. J. MCCHESENEY.

Subscribed and sworn to before me by William J. McChesney, Secretary of the Board of Regents of the State University of Iowa, this 28th day of August, 1905.

Witness my hand and notarial seal.

LOUIS W. DUTCHER,
Notary Public in and for Johnson County, Iowa.

Report of the Treasurer



REPORT OF THE TREASURER.

IOWA CITY, September 25, 1905.

To the Honorable Board of Regents of the State University of Iowa:

GENTLEMEN,—I have the honor to submit herewith a statement of income and disbursements of this office for the biennial period commencing June 30, 1903, and ending June 30, 1905.

Included in this statement are the transfer of funds ordered by you.

I also submit herewith a statement of assets of the State University of Iowa on June 30, 1905:

RECEIPTS AND DISBURSEMENTS FROM JUNE 30, 1903, TO JUNE 30, 1905.

Balance June 30, 1903:

Income fund.....	\$ 4,880.79
Building tax fund	15,954.98
Medical buildings fund.....	16,923.36
Repairs and contingent fund.....	828.27
Special land fund	1,258.04
Donated lands fund	802.11
Providential contingent fund.....	8.25
Library fund.....	4,908.86
The A. Whitney Carr free scholarship fund....	759.19
The Frank O. Lowden Northern Oratorical League prize fund.....	93.75
	<hr/>
	\$ 46,417.60

RECEIPTS.

From June 30, 1903, to June 30, 1904.

State Appropriations:

Support fund.....	\$ 160,500.00
Building tax fund	96,000.00
Repairs and contingent fund	5,000.00
Special land fund	27,000.00
Equipment new medical building.....	35,000.00
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	\$ 323,500.00

Other receipts:

Interest permanent fund	\$ 11,978.30
Interest, The A. Whitney Carr free scholarship fund	2,470.39
Tuitions less refunds by order Board of Regents.	50,862.25
Hospital fees	20,049.15
Dental clinic fees	6,003.04
Graduation fees, law loan book account and miscellaneous	2,352.82
Rents	274.09
Rents, donated lands	414.85
Rents, special land fund	673.53
Interest and endorsed on principal, donated lands fund	125.00
Dividends on the Frank O. Lowden Northern Oratorical League prize fund	175.00
Interest W. J. Bryan prize fund	3.62
Building tax fund from secretary	80.64
Medical buildings fund transferred from equipment new medical building fund	35,000.00
Medical building fund transferred from building tax fund	30,000.00
Equipment new medical building fund transferred from building tax fund	10,000.00
Natural science building fund transferred from building tax fund	10,000.00
Income fund transferred from library fund	2,466.64

\$ 182,929.32

RECEIPTS.

From June 30, 1904, to June 30, 1905.

State Appropriations:

Support fund	\$ 168,624.99
Building tax fund	111,500.00
Repairs and contingent	7,187.50
Special land fund	12,500.00
Equipment and supplies fund	10,000.00
Paving and sidewalks fund	4,000.00
Engineering building fund	12,500.00
Tunnel and extension fund	5,000.00
Library fund	10,000.00

\$ 341,312.49

Other receipts.

Interest permanent fund.....	\$12,022.25
Hospital fees.....	23,229.33
Dental clinics fees.....	3,939.99
Tuitions.....	46,507.00
Diploma fees, law loan book account and miscellaneous.....	4,134.27
Rents.....	274.09
Interest on deposits.....	1,410.28
Special land fund from Secretary.....	3,189.64
Interest, The A. Whitney Carr fund.....	2,483.71
Rents, donated land fund.....	228.25
Interest, donated land fund.....	20.00
Principal, donated land fund.....	300.00
The Frank O. Lowden fund from secretary....	175.00
W. J. Bryan fund interest.....	12.50
Income fund transferred from providential contingent fund.....	8.25
Income fund transferred from repairs and contingent fund.....	617.20
Income fund transferred from building tax fund.....	101.50
Income fund transferred from library fund....	10,329.56
Building tax fund transferred from medical buildings fund.....	300.00
Building tax fund over credit of warrants....	.28
Medical building fund transferred from build- ing tax fund.....	21,000.00
Natural science building fund transferred from building tax fund.....	30,000.00
Gymnasium and armory fund transferred from building tax fund.....	33,123.71
Equipment new medical building fund trans- ferred from state tax fund.....	23,500.00

\$216,906.81

DISBURSEMENTS.

Warrants paid from June 30, 1903, to June 30,
1904:

Building tax fund.....	\$ 44,278.39
Income fund.....	246,623.76
Medical buildings fund.....	70,849.32
Special land fund.....	27,910.21
Equipment new medical building fund.....	814.81
Donated land fund.....	201.50
The A. Whitney Carr free scholarship fund..	1,875.00
The Frank O. Lowden fund.....	150.00
Library fund.....	2,112.66
Repairs and contingent.....	5,350.10

\$400,165.75

Transfers:

Building state tax transferred to medical build- ings fund.....	\$ 30,000.00
Building tax fund transferred to equipment new medical building fund.....	10,000.00
Building tax fund transferred to natural sci- ence building fund.....	10,000.00
Tuitions over credited.....	25.50
Equipment new medical building fund trans- ferred to medical buildings fund.....	35,000.00
Library fund transferred to income fund.....	2,466.64

\$ 87,492.14

Warrants paid from June 30, 1904 to June 30,
1905:

Income fund.....	\$ 287,429.44
Repairs and contingent fund.....	7,198.75
Building tax fund.....	21,592.26
Medical buildings fund.....	30,964.85
Special land fund.....	15,771.08
Equipment and supplies fund.....	9,114.03
Paving and sidewalk fund.....	3,870.85
Engineering building fund.....	3,042.40
Tunnel and extension fund.....	4,880.73
The A. Whitney Carr free scholarship fund...	2,880.00
Natural science building fund.....	38,577.57
Gymnasium and armory fund.....	33,123.71
Equipment new medical building fund.....	30,435.44
Donated land fund.....	37.59
The Frank O. Lowden fund.....	150.00
W. J. Bryan fund.....	22.50

\$489,001.20

Transfers:

Repairs and contingent transferred to income fund	617.20	
Building tax fund transferred to income fund.	101.50	
Building tax fund transferred to gymnasium and armory fund.....	33,123.71	
Building tax fund transferred to natural science building fund.....	30,000.00	
Building tax fund transferred to equipment, new medical building fund.	23,500.00	
Building tax fund transferred to medical buildings fund	21,000.00	
Medical buildings fund transferred to building tax fund.....	300.00	
Library fund transferred to income fund.....	10,329.56	
Providential contingent fund transferred to income fund	8.25	
		<hr/>
		\$ 118,980.22

Balances June 30, 1905:

Building tax fund	\$ 330.04	
Medical buildings fund.	809.19	
Special land fund	1,064.42	
Natural science building fund.....	1,422.43	
Equipment, new medical building fund.....	2,249.75	
Donated lands fund.....	1,651.12	
Equipment and supplies fund	885.97	
Paving and sidewalk fund.....	129.15	
Engineering building fund....	9,457.60	
Tunnel and extension fund	119.27	
The A. Whitney Carr free scholarship fund interest.....	958.29	
The Frank O. Lowden fund.....	143.75	
		<hr/>
		19,220.98

Overdrafts:

Repairs and contingent fund.....	\$ 150.28	
Income fund.....	3,637.41	
W. J. Bryan prize interest fund.....	6.38	3,794.07
		<hr/>
		\$1,114,860.29

ASSETS JUNE 30, 1905.**PERMANENT FUND,**

Cash on hand.....	\$ 1,175.36
Mortgage notes.....	233,945.00
	<hr/>
Total working capital.....	\$ 235,120.36

THE STATE UNIVERSITY.

THE A. WHITNEY CARR FREE SCHOLARSHIP FUND.

Cash on hand.....	\$	100.00
Mortgage notes.....		49,900.00
Total working capital.....	\$	50,000.00

THE FRANK O. LOWDEN NORTHERN ORATORICAL LEAGUE PRIZE FUND.

Preferred stock National Biscuit Co., 25 shares...	\$	2,500.00
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THE WM. J. BRYAN PRIZE FUND.

Part of mortgage note.....	\$	250.00
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DONATED LANDS FUND.

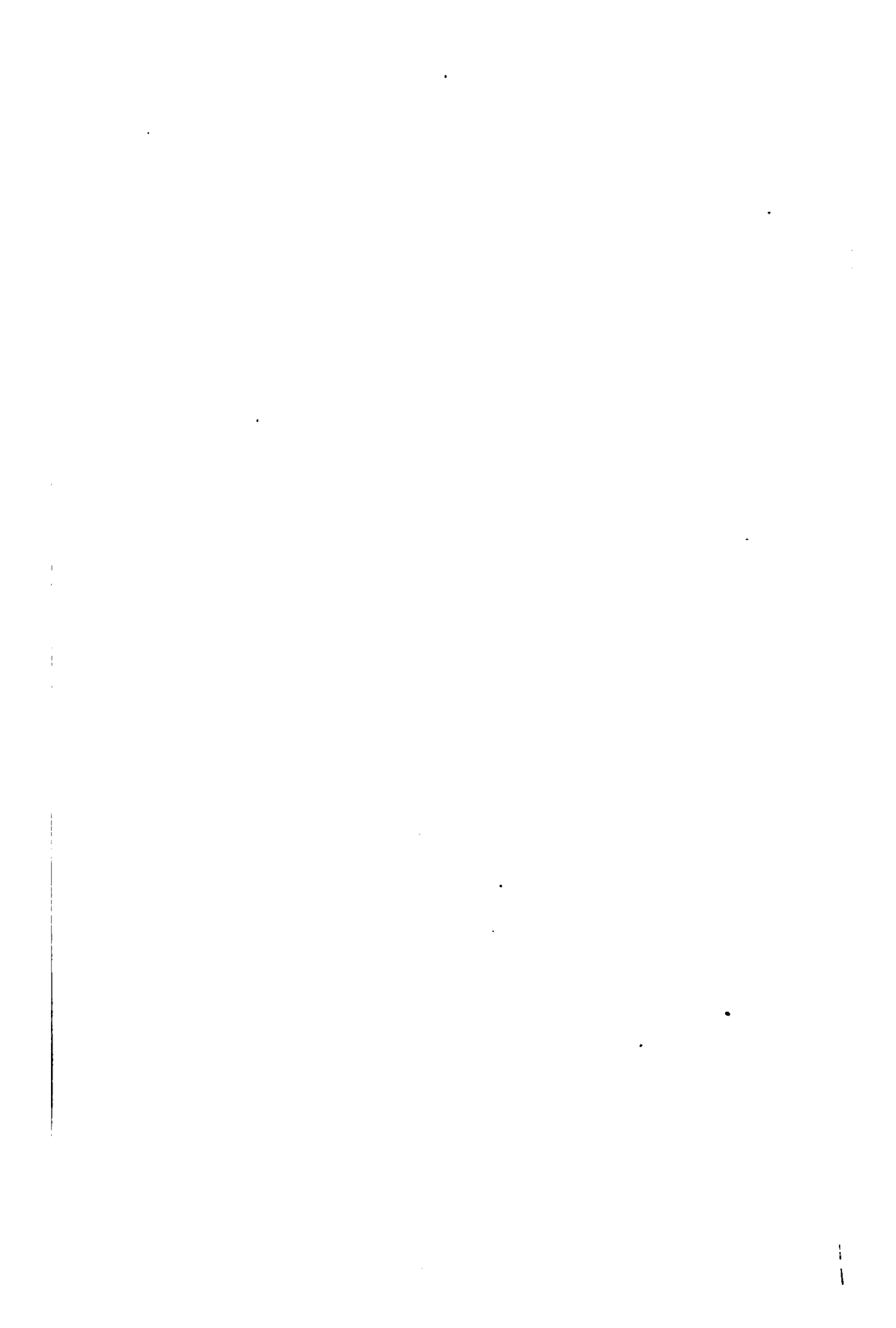
Balance mortgage note.....	\$	100.00
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The books of this office show the number of acres of land unsold June 30, 1905, to be 2,738.03.

Respectfully submitted,

LOVELL SWISHER,
Treasurer.

Report of Registrar



REPORT OF REGISTRAR.

IOWA CITY, June 28, 1905.

To the President and the Board of Regents:

I have the honor to submit to you the following report for the biennium, ending July 1, 1905:

SUMMARY OF REGISTRATION—1903-1904.

THE SUMMER SESSION, 1903.

	Men.	Women.	Total.
Graduate College	29	49	78
College of Liberal Arts.....	47	56	103
Library Training School .....	..	32	32
College of Medicine—Nurses' Training School.....	..	1	1
College of Pharmacy.....	..	1	1
	<hr/>	<hr/>	<hr/>
Total	76	139	215

THE GRADUATE COLLEGE.

Candidates for the degree of Ph. D	22	3	25
Candidates for the degree of M. A	34	19	53
Candidates for the degree of M. S	31	7	38
Candidates for the degree of C. E.....	2	..	2
Students not candidates for degrees.....	11	57	68
	<hr/>	<hr/>	<hr/>
Total.....	100	86	186

THE COLLEGE OF LIBERAL ARTS.

Fourth Year:

	Men.	Women.	Total.
Classical	4	8	12
Philosophical A	4	10	14
Philosophical B	16	10	26
Philosophical	9	7	16
Scientific	23	3	26
Civil Engineering	13	..	13
Electrical Engineering	1	..	1
Total	70	38	108

Third year:

Classical	12	13	25
Philosophical A	6	10	16
Philosophical B	13	12	25
Philosophical	7	11	18
Scientific	13	8	21
Civil Engineering	18	0	18
Total	69	54	123

Second year:

Classical	5	5	10
Philosophical A	0	2	2
Philosophical B	5	7	12
Philosophical	30	37	67
Scientific	17	5	22
Civil Engineering	19	0	19
Electrical Engineering	4	0	4
Mining Engineering	2	0	2
Total	82	56	138

First year:

Classical	8	6	14
Philosophical A	1	0	1
Philosophical	28	26	54
Scientific	31	11	42
Civil Engineering	12	0	12
Electrical Engineering	8	0	8
Mining Engineering	1	0	1
Total	89	43	132

Total in four college classes	310	191	501
Unclassified students	39	75	114
Professional students taking elective work	54	3	57

Total in the College of Liberal Arts

Library Training School *

*The remainder of the summer session has been already included under the Graduate College and the College of Liberal Arts.

THE COLLEGE OF LAW.

	Men.	Women.	Total.
Third year.....	52	0	52
Second year.....	51	0	51
First year.....	60	0	60
Unclassified	1	0	1
Combined course... ..	12	0	12
Students in the College of Liberal Arts taking elect- ive work	7	0	7
Total	183	0	183

THE COLLEGE OF MEDICINE.

Fourth year.....	45	5	50
Third year	61	3	64
Second year	59	3	62
First year.....	53	5	58
Unclassified	7	0	7
Combined course.....	7	1	8
Nurses' Training School.....	0	15	15
Total	232	32	264

THE COLLEGE OF HOMEOPATHIC MEDICINE.

Fourth year.....	10	0	10
Third year	9	0	9
Second year.....	8	0	8
First year.....	6	0	6
Unclassified	1	0	1
Nurses' Training School.....	0	12	12
Total.....	34	12	46

THE COLLEGE OF DENTISTRY.

Third year.....	48	1	49
Second year.....	31	0	31
First year	25	0	25
Unclassified	2	0	2
Combined course.....	1	0	1
Total.....	107	1	108

THE STATE UNIVERSITY.

THE COLLEGE OF PHARMACY.

Graduate	1	0	1
Second year.....	12	3	15
First year.....	10	0	10
Unclassified	3	0	3
Students taking pharmacy as elective work.....	1	0	1
Total.....	27	3	30
Total including duplicates.....	1,086	435	1,521
Duplicates	117	11	128
Total excluding duplicates	969	424	1,393

SUMMARY OF REGISTRATION—1904-1905.

THE SUMMER SESSION, 1904.

	Men.	Women.	Total.
Graduate College.....	34	36	70
College of Liberal Arts.....	49	80	129
College of Medicine. ....	..	1	1
Library Training School. ....	..	26	26
Total.	83	143	226

THE GRADUATE COLLEGE.

Candidates for the degree of Ph. D.....	20	2	22
Candidates for the degree of M. A.....	27	20	47
Candidates for the degree of M. S.....	20	4	24
Candidates for the degree of C. E.....	1	..	1
Students not candidates for degrees.....	9	15	24
Total.....	77	41	118

THE COLLEGE OF LIBERAL ARTS.

Fourth Year:

Classical.....	11	13	24
Philosophical.	24	37	61
Scientific.....	12	5	17
Civil Engineering	13	..	13
Total.....	60	55	115

Third Year:

	Men.	Women.	Total.
Classical.....	8	9	17
Philosophical.....	23	40	63
Scientific.....	17	4	21
Civil Engineering.....	14	..	14
Electrical Engineering.....	6	..	6
Mining Engineering.....	1	..	1
Total.....	69	53	122

Second year:

Classical.....	9	8	17
Philosophical.....	30	38	68
Scientific.....	21	7	28
Civil Engineering.....	11	..	11
Electrical Engineering.....	7	..	7
Mining Engineering.....	1	..	1
Mechanical Engineering.....	1	..	1
Total.....	80	53	133

First year:

Classical.....	7	11	18
Philosophical.....	33	57	90
Scientific.....	31	4	35
Civil Engineering.....	21	..	21
Electrical Engineering.....	13	..	13
Mining Engineering.....	2	..	2
Mechanical Engineering.....	5	..	5
Total.....	112	72	184

Special students.....	17	7	24
Unclassified students.....	59	46	105
Professional students taking elective work.....	67	1	68

Total in the college of Liberal Arts...	464	287	751
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THE COLLEGE OF LAW.

Third year.....	53	..	53
Second year.....	55	..	55
First year.....	69	..	69
Unclassified.....	5	..	5
Combined course.....	9	1	10
Total.....	191	1	192

THE COLLEGE OF MEDICINE.

	Men.	Women.	Total
Graduate students.....	2	....	2
Fourth year.....	62	3	65
Third year.....	51	2	53
Second year.....	56	5	61
First year.....	63	....	63
Unclassified.....	15	....	15
Nurses' Training School.....		18	18
Total.....	249	28	277

THE COLLEGE OF HOMEOPATHIC MEDICINE.

Graduate students.....	2	....	2
Fourth year.....	9	....	9
Third year.....	8	....	8
Second year.....	5	....	5
First year.....	16	....	16
Nurses' Training School.....		12	12
Total.....	40	12	52

THE COLLEGE OF DENTISTRY.

Graduate students.....	1	....	1
Third year.....	24	1	25
Second year.....	22	....	22
First year.....	55	....	55
Unclassified.....	3	....	3
Dental Assistant's Course.....		1	1
Total.....	105	2	107

THE COLLEGE OF PHARMACY.

Graduate students.....		1	1
Second year.....	7	1	8
First year.....	18	1	19
Unclassified.....	9	1	10
Total.....	34	4	38
Total including duplicates.....	1,243	518	1,761
Duplicates.....	152	49	201
Total excluding duplicates.....	1,091	469	1,560

DEGREES CONFERRED.

1903-1904

	Men.	Women.	Total.
Master of Arts	12	10	22
Master of Science.....	7	5	12
Bachelor of Arts.....	5	9	14
Bachelor of Philosophy....	25	22	47
Bachelor of Science.....	15	3	18
Bachelor of Science in Civil Engineering.....	13	0	13
Bachelor of Didactics	1	5	6
Bachelor of Laws.....	52	0	52
Doctor of Medicine.....	53	5	58
Doctor of Dental Surgery.....	46	0	46
Graduate in Pharmacy..	12	3	15
Civil Engineer.....	1	0	1
Total.....	242	62	302

1904-1905.

	Men.	Women.	Total.
Doctor of Philosophy.....	2	0	2
Master of Arts.....	10	6	16
Master of Science	5	1	6
Bachelor of Arts.....	10	12	22
Bachelor of Philosophy.....	22	35	57
Bachelor of Science.....	12	5	17
Bachelor of Science in Civil Engineering.....	11	0	11
Bachelor of Didactics	0	4	4
Bachelor of Laws.....	53	0	53
Doctor of Medicine.....	69	3	72
Doctor of Dental Surgery.....	18	0	18
Graduate in Pharmacy.....	7	1	8
Civil Engineer.....	1	0	1
Total.....	220	67	287

STATISTICS FOR THE BIENNIUM 1903-04 AND 1904-05.

RESIDENCE.

California.....	2
Canada.....	4
Connecticut.....	1
District of Columbia.....	2
Georgia.....	1
Illinois.....	44
Indiana.....	1
Iowa.....	1,978
Japan.....	3
Kansas.....	7
Massachusetts.....	3
Mexico.....	1
Michigan.....	2
Minnesota.....	11
Missouri.....	5
Montana.....	5
Nebraska.....	11
New Jersey.....	1
New Hampshire.....	1
New Mexico.....	1
New York.....	6
North Dakota.....	4
Ohio.....	3
Oklahoma.....	2
Oregon.....	2
Pennsylvania.....	3
South Dakota.....	16
Texas.....	2
Utah.....	2
Washington.....	4
West Virginia.....	2
Wisconsin.....	7
Statistics not given.....	1
Total.....	2,138

COUNTIES IN IOWA.

Adair	10	Franklin	9	Montgomery.....	9
Adams	4	Fremont	7	Muscatine.....	54
Allamakee.....	9	Greene	7	O'Brien	21
Appanoose.....	5	Grundy	19	Osceola	2
Audubon.....	5	Guthrie	15	Page	3
Benton	21	Hamilton	10	Palo Alto	12
Black Hawk.....	50	Hancock	4	Plymouth	15
Boone	10	Hardin	35	Pocahontas.....	9
Bremer.....	5	Harrison	16	Polk	44
Buchanan.....	13	Henry	20	Pottawattamie.....	29
Buena Vista.....	5	Howard.....	10	Poweshiek.....	15
Butler.....	23	Humboldt	14	Ringgold	2
Calhoun	16	Ida	17	Sac	6
Carroll	13	Iowa	42	Scott.....	41
Cass	21	Jackson	21	Shelby	31
Cedar	40	Jasper.....	13	Sioux	22
Cerro Gordo.....	12	Jefferson.....	9	Story	12
Cherokee.....	19	Johnson	423	Tama	26
Chickasaw.....	17	Jones	18	Taylor	5
Clarke	1	Keokuk	19	Union.....	6
Clay.....	2	Kossuth.....	12	Van Buren.....	9
Clayton	17	Lee	11	Wapello	12
Clinton	23	Linn	64	Warren	11
Crawford.....	21	Lucas	5	Washington.....	24
Dallas	17	Louisa	14	Wayne	25
Davis	4	Lyon	17	Webster.....	24
Decatur.....	15	Madison	8	Winnebago.....	7
Delaware.....	16	Mahaska.....	19	Winneshiek.....	8
Des Moines.....	38	Marion	5	Woodbury.....	33
Dickinson.....	3	Marshall.....	19	Worth.....	6
Dubuque.....	14	Mills.....	5	Wright.....	15
Emmet.....	9	Mitchell.....	9		
Fayette	25	Monona	8	Total.....	1,978
Floyd.....	8	Monroe	5		

PLACE OF BIRTH.

Assyria.....	1	Netherlands.....	1
Austria.....	1	Nevada.....	2
Bohemia.....	1	New Brunswick.....	1
California.....	2	New Hampshire.....	1
Canada.....	10	New Jersey.....	1
Cape Breton Island.....	1	New Mexico.....	1
Colorado.....	3	New York.....	25
Connecticut.....	3	North Dakota.....	4
District of Columbia.....	1	Norway.....	3
England.....	5	Ohio.....	41
Georgia.....	1	Pennsylvania.....	24
Germany.....	20	Russia.....	2
Holland.....	2	Scotland.....	2
Illinois.....	121	Sicily.....	1
Indiana.....	14	South Dakota.....	15
Iowa.....	1,645	Sweden.....	3
Ireland.....	1	Switzerland.....	1
Japan.....	3	Tennessee.....	1
Kansas.....	15	Texas.....	1
Kentucky.....	1	Turkey.....	1
Louisiana.....	1	Utah.....	1
Maryland.....	2	Virginia.....	2
Massachusetts.....	5	Vermont.....	1
Mexico.....	1	Wales.....	2
Michigan.....	14	Washington.....	1
Minnesota.....	21	West Virginia.....	3
Mississippi.....	2	Wisconsin.....	43
Missouri.....	23	Statistics not given.....	10
Montana.....	4		
Nebraska.....	17	Total.....	2,138

AGES.

Fifteen.....	1	Thirty-eight.....	15
Sixteen.....	7	Thirty-nine.....	11
Seventeen.....	13	Forty.....	10
Eighteen.....	63	Forty-one.....	2
Nineteen.....	122	Forty-two.....	5
Twenty.....	235	Forty-three.....	3
Twenty-one.....	243	Forty-four.....	5
Twenty-two.....	240	Forty-five.....	3
Twenty-three.....	229	Forty-six.....	2
Twenty-four.....	173	Forty-seven.....	1
Twenty-five.....	147	Forty-eight.....	3
Twenty-six.....	130	Forty-nine.....	3
Twenty-seven.....	91	Fifty.....	3
Twenty-eight.....	94	Fifty-one.....	1
Twenty-nine.....	65	Fifty-two.....	1
Thirty.....	40	Fifty-three.....	1
Thirty-one.....	30	Fifty-four.....	1
Thirty-two.....	40	Statistics not given.....	4
Thirty-three.....	33		
Thirty-four.....	16		
Thirty-five.....	21		
Thirty-six.....	20		
Thirty-seven.....	11		
		Total.....	2,138

OCCUPATIONS OF PARENTS.

Abstracters.....	1	Grain dealers.....	22	Plumbers	6
Accountants.....	6	Grocers.....	26	Postmasters	7
Agents	3	Guides	1	Poultrymen.....	2
Architects.....	4	Gunsmiths.....	1	Printers	3
Artists	2	Hardware dealers... 17		Professors.....	12
Auctioneers....	2	Harness makers 12		Quarrymen.....	1
Bakers	2	Hotel proprietors ... 8		Publishers	5
Bankers.....	35	Implement dealers... 6		Railroad employes... 38	
Barbers	3	Insurance men 30		Ranchmen	6
Bartenders	1	Janitors	3	Real estate men..... 47	
Blacksmiths	16	Jewelers	7	Restaurant keepers.. 2	
Bookbinders.....	1	Journalists... .. 4		River captains..... 2	
Bookkeepers.....	8	Judges.....	2	Saddlers	1
Brickmakers.....	1	Laborers.....	12	Secretary Y. M., C. A. 1	
Brokers.....	5	Land agents	2	Shipowners	1
Broommakers.....	1	Lawyers.....	102	Shoemakers	3
Butchers	2	Lecturers.....	1	Silver platers.....	1
Cabinetmakers	4	Liquor dealers.....	2	Stock dealers....	39
Capitalists.....	1	Liverymen	6	Surveyors	1
Carpenters.....	45	Lumber dealers.....	31	Supt. Anti-Saloon	
Cashiers.....	7	Mail clerks.....	1	League	1
City, county and State officers	38	Managers of business concerns... 12		Supt. of schools....	5
Clerks and salesmen.. 11		Manufacturers	17	Supt. Industrial school.....	1
Clothiers	3	Marble workers.....	3	Tailors.....	10
Coal dealers.....	4	Masons	9	Teachers.....	23
Coopers	2	Mechanics.....	15	Teamsters.....	2
Commercial travelers 35		Merchants.....	159	Telephone operators. 1	
Contractors.....	23	Millers	12	Tobacco buyers	1
Dairymen	2	Miners	4	Undertakers.....	2
Dentists.....	8	Ministers.....	58	U. S. inspector of steamships.....	1
Draymen.....	2	Missionaries.....	1	U. S. Consul.....	1
Druggists	23	Musicians.....	1	Veterinary surgeons. 2	
Editors.....	12	Naval officers.....	1	Wagonmakers.....	3
Engineers.....	6	Nurses.....	1	Well diggers.....	1
Expressmen.....	1	Nurserymen	1	Statistics not given.. 92	
Farmers.....	783	Opticians.....	1		
Fruit raisers.....	3	Painters.....	8		
Foremen	2	Photographers.....	4		
Gardners.....	5	Physicians	93		
Government employes.....	3	Piano tuners.....	1		
		Pilots	1		
				Total.....	2,138

PREPARATIONS.

Colleges and Universities in Iowa—		Not graduates.....	37
Graduates.....	257	Grade and District Schools—	
Not graduates.....	180	In Iowa.....	11
Colleges and Universities in other States—		In other States.....	1
Graduates.....	45	Normals in Iowa—	
Not graduates.....	68	Graduates	94
Accredited Schools—		Not graduates.....	58
Graduates.....	795	Normals in other States—	
Not graduates.....	142	Graduates.....	13
Other Schools and Academies in Iowa—		Not graduates.....	8
Graduates.....	216	Business Colleges.....	41
Not graduates.....	79	Professional Schools.....	9
Other Schools and Academies in other States—		Military Schools.....	6
Graduates.....	58	Foreign Schools.....	8
		Private instruction	4
		Statistics not given.....	8
		Total.....	2,138

RELIGIOUS STATISTICS.

COLLEGES.	Church Members.	Church Preference.	No Church Preference.	Statistics Not Given.	Total.
<i>Men—</i>					
Liberal Arts.....	309	223	35	11	578
Graduate	64	17	6	4	91
Law.....	107	92	24	3	226
Medicine.....	166	99	14	9	288
Homeopathic Medicine.....	26	21	6	1	54
Dentistry	89	76	4	2	171
Pharmacy.....	22	24	5	2	53
Total.....	783	552	94	32	1,461
<i>Women—</i>					
Liberal Arts.....	386	110	7	5	508
Graduate.....	86	16	1	1	103
Medicine	14	2	1	0	17
Dentistry	2	0	0	0	2
Pharmacy.....	6	2	0	0	8
Nurses' Training Schools ...	28	10	0	1	39
Total.....	522	140	9	6	677
Grand total	1,305	692	103	38	2,138

RELIGIOUS DENOMINATIONS.

DENOMINATIONS.	Church Members.	Church Preference.	Total.
Amana Society.....	1	....	1
Apostolic.....	1	....	1
Baptist.....	84	51	135
Baptist (Free).....	2	....	2
Baptist (German).....	1	....	1
Baptist (St. John).....	1	....	1
Brethren (Plymouth).....	2	....	2
Brethren (Progressive).....	1	..	1
Brethren (United).....	14	2	16
Catholic.....	185	14	199
Christian.....	72	48	120
Christian (Reformed).....	2	1	3
Christadelphian.....	2	....	2
Christian Science.....	2	4	6
Church of England.....	1	....	1
Church of God.....	3	....	3
Congregational.....	169	142	311
Congregational (Welch).....	1	....	1
Episcopal.....	69	37	106
Episcopal (Reformed).....	1	....	1
Evangelical (German).....	2	....	2
Evangelical (St. Johns).....	1	....	1
Evangelical (United).....	6	....	6
Friends.....	14	3	17
Jewish.....	1	....	1
Latter Day Saints.....	9	1	10
Lutheran.....	40	7	47
Lutheran (English).....	14	3	17
Lutheran (Norwegian).....	6	....	6
Lutheran (Swedish).....	4	....	4
Lutheran (German).....	20	2	22
Menonite.....	2	....	2
Methodist.....	327	211	538
Mormon.....	1	....	1
Presbyterian.....	203	123	326
Presbyterian (Cumberland).....	2	....	2
Presbyterian (United).....	18	....	18
Reformed.....	10	9	19
Seventh Day Advent.....	2	1	3
Unitarian.....	7	28	36
Universalist.....	1	4	5
Any Protestant Church.....			91
No preference whatever.....			12
Statistics not given.....			38
Total.....			2,138

Respectfully,

H. C. DORCAS.

TWENTY-FIRST BIENNIAL REPORT

OF THE

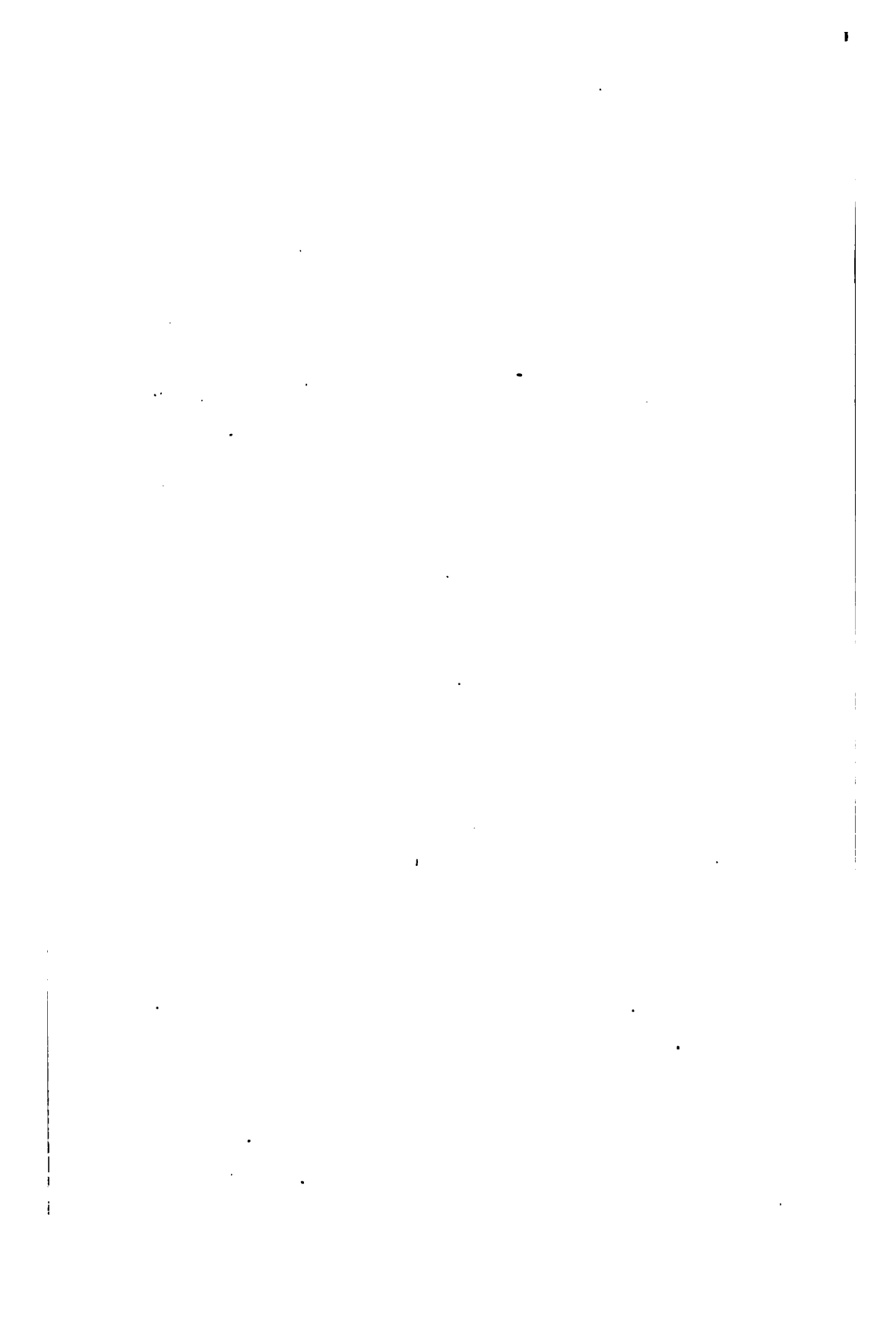
Iowa State College of Agriculture
and Mechanic Arts

MADE TO

THE GOVERNOR OF IOWA

For the Biennial Period
July 1, 1903 to June 30, 1905

DES MOINES, IOWA
B. MURPHY, STATE PRINTER
1906



LETTER OF TRANSMITTAL

IOWA STATE COLLEGE OF AGRICULTURE
AND THE MECHANIC ARTS.

AMES, IOWA, December 1, 1905.

To His Excellency, A. B. CUMMINS:

In accordance with the statute defining the duties of the Secretary of the Board of Trustees of the Iowa College of Agriculture and the Mechanic Arts, I have the honor to transmit herewith the twenty-first biennial report of the Board.

E. W. STANTON,

Secretary

PRESIDENT'S REPORT.

To the Board of Trustees of the Iowa State College of Agriculture and Mechanic Arts:

GENTLEMEN: It becomes my duty to make to you for his excellency, Albert B. Cummins, Governor of Iowa, and for the people of Iowa, the following biennial report.

While this is the second biennial report which I have had the honor to prepare, it is the first covering any portion of my official administration of the affairs of the College. For the first two months of the biennial period included in this report, Acting President E. W. Stanton, was in charge, my own active incumbency in office beginning with the opening of the school year of 1903-4.

THE ORGANIZATION OF THE COLLEGE.

For the greater efficiency of administration, it has appeared desirable that the College should be organized under deans. Accordingly, the Trustees approved the classification of the college students into Junior and Senior Colleges, all students below the junior year being included in the Junior College and all above the sophomore year in the Senior College.

Professor E. W. Stanton was made Dean of the Junior College, and has charge of the classification of all Junior College students. To his thorough and careful oversight and systematizing of this work is due the greatest credit. Professor A. Marston was made Dean of the School of Engineering, Professor G. W. Bissell, Vice-Dean, their duties in these respective offices beginning with the fiscal year 1904-5. Professor C. F. Curtiss was already in charge of the School of Agriculture and Dr. J. H. McNeil of the Veterinary School. The President has been made Dean of the Division of Science.

From this organization have come very gratifying results. Dean Marston and Vice-Dean Bissell are rendering most valuable assistance in the development and administration of the entire School of

Engineering. The courses of study are being carefully revised and co-ordinated; instructors and assistant and associate professors are being chosen with the greatest care. The results in the improved character of our work, the improved personnel of the teaching force, and the general increased efficiency of the School of Engineering, have abundantly justified the wisdom of this change in organization.

DIVISION OF AGRICULTURE.

DEPARTMENT OF AGRONOMY.

Professor P. G. Holden, Vice-Dean of the Division of Agriculture and head of the Agronomy Department, has general supervision of the work in the sub-departments of Soils, Farm Crops and Agricultural Engineering, giving special attention himself, to the lecture and laboratory work in grains.

FARM CROPS.

No work is of more far-reaching importance than that which is undertaken in the sub-department of Farm Crops, yet this work has been quite inadequately provided for thus far. It is Professor Holden's intention to strengthen this sub-department in all of its varied lines of instruction and investigation.

SOILS.

The equipment of a soils laboratory in Agricultural Hall for student work and also the equipment of a similar laboratory for experimental work, and the organization of the courses for the study of soil physics and soil fertility, have proven very attractive to students. A considerable number of graduate students and a large number of undergraduate students are paying especial attention to these subjects. Under the competent administration of Professor W. H. Stevenson and his thoroughly qualified assistants, this promises to become, in the near future, one of the most important branches of our educational and experimental work.

An arrangement has been made with the Department of Agriculture, for the services here at the College of two or three scientific experts in the subdepartment of Soils.

These men are salaried by the Government, the College furnishing them with laboratory conveniences for the prosecution of their work.

The importance and value of such scientific research can scarcely be overestimated in its relation to the industrial advance and the industrial supremacy of our country. The time is already ripe for such scientific treatment and handling of the soil of the middle west as shall conserve their fertility and save this granary of the world from the blight of exhaustion, which has fallen upon much of the older, eastern lands that are now, in whole or in part abandoned.

In the election of Mr. Ira Obed Schaub, B. S., of the University of Illinois, as Assistant Professor of Soils, the subdepartment of Soils has been strongly reinforced.

AGRICULTURAL ENGINEERING.

The subdepartment known as Farm Mechanics, has been changed in name to that of Agricultural Engineering. Upon the resignation of Professor C. J. Zintheo, Mr. Jay B. Davidson, of the University of Nebraska, was elected Assistant Professor and placed in charge of this work for the year 1905-6.

In this subdepartment, which was newly housed in the Hall of Agricultural Engineering during the year of 1903-4, are taken up general courses in drawing and drafting with special reference to field engineering for the farm, drainage, road construction, carpentry, blacksmithing, and farm implement laboratory work. In connection with this subdepartment, research work in irrigation, drainage experiments, windmill experiments, traction tests, the testing of corn planters, grain drills, binders, and so forth, are offered; also special work in rural architecture and farm implement design.

It is the purpose of the College that the courses offered and the work done in the subdepartment of Agricultural Engineering, shall be thoroughly scientific, basing the work upon a knowledge of engineering principles, and that the application of these principles shall be carried out to the problems of agriculture. There is, obviously, a very large field for educational and experimental work in agricultural engineering, but the Iowa State College is, we believe, the first institution to take up this work in an extensive manner and with an independent equipment. The great demand for this course among our students of agricultural science, shows the keen appreciation of this special department of applied engineering.

DEPARTMENT OF DAIRYING.

During the year 1904-5, the Dairy Department has been at a standstill owing to the wreckage of the old and the construction of the new dairy building. Students writing to the College or contemplating

STATE COLLEGE OF AGRICULTURE.

tering with special reference to dairy science, were advised to postpone their coming until the completion of the new building and the purchase of a dairy farm. With these equipments, the Iowa State College will be excelled by no other institution in facilities for comprehensive and thorough investigation and instruction in the various branches of dairying.

Under the careful oversight of Professor G. L. McKay the Dairy Building has been completed and when the furniture and equipment are installed, will be ready for occupancy and use.

Already the United States Department of Agriculture has arranged to send two scientific experts for residence at the College and for continuous experimental work in the dairy laboratories, the one in the line of dairy bacteriology and the other in the line of dairy chemistry. These investigations will be continued for a series of years and the results are certain to be of great value to the dairy industry of the State and of the country, and of value also to science as such.

Mr. Frank William Bouska, M. S. A., after graduate work in the University of Wisconsin and four months spent in study in Germany, has been elected Assistant Professor of Bacteriology, it being the purpose of Mr. Bouska to give special attention to dairy and soil bacteriology.

DEPARTMENT OF ANIMAL HUSBANDRY.

Professor Willard J. Kennedy was granted a year's leave of absence for study in Europe, from April, 1904, to April, 1905. Professor William J. Rutherford was made Assistant Professor of Animal Husbandry and placed in charge of the Department during Professor Kennedy's absence. Mr. Wayne Dinsmore, B. S. A., instructor in Animal Husbandry, has been promoted to an Assistant Professorship.

It is the policy of this Department in a marked degree to bring the students in Animal Husbandry into direct contact with all of the professors of the Department from their first year through to graduation. The results are very beneficial to the students and, indirectly, to the professors themselves. It gives a unity, co-operation and strength to the Department which it otherwise could not have.

DEPARTMENT OF HORTICULTURE.

For the two years of the biennial period, Associate Professor A. T. Swin has given most satisfactory service as acting head of the Department of Horticulture. As an expression of their appreciation, the Board promoted him from Assistant Professor to Associate Professor in

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the fall of 1904. In the spring of 1905, the College secured the acceptance of Professor Spencer A. Beach, the noted pomologist and horticulturist of the Experiment Station of New York, to the Professorship of Horticulture and the headship of the Department. Professor Beach did not begin his duties until after the close of the biennial period covered by this report.

FORESTRY.

While the work in Forestry is not new at the Iowa State College, having been included in its course for many years, its development has received a new impetus by the arrival of Professor Hugh P. Baker, who by an arrangement with the Bureau of Forestry, gives one-half of his time to instructional work in the College and one-half to the investigation of forestal conditions in Iowa, the College paying one-half of his salary and the Government one-half. The value of such expert study of the forestry conditions of the State, coupled with the instructional work, is very great. The College counts itself fortunate in being able to secure the services of such a man as Professor Baker under these favorable conditions.

DIVISION OF VETERINARY SCIENCE.

The experiment of making the course in Veterinary Medicine four years in length has proven successful. It was apprehended that the competition of a number of private schools of veterinary medicine with short and easy courses, would prove formidable. It would appear, however, that in veterinary medicine as in human medicine, the school that seeks to furnish the most thorough and scientific education to its students is appreciated by the better class of young men, who are expecting to qualify themselves for a creditable, professional career.

Owing to the meagre salaries paid the professors and instructors in Veterinary Science Department, we have been unable to retain our faculty from year to year as would have been desired. However, thus far we have been very fortunate in securing the services of such men as Dr. Leslie M. Hurt, a graduate of the Veterinary School of the Iowa State College in 1904, and Dr. Dykstra, a graduate of the class of 1905, and to retain the services of Dr. Walter A. Stuhr, who has been promoted to Associate Professorship of Histology, Pathology and Therapeutics.

DIVISION OF ENGINEERING.

DEPARTMENT OF CIVIL ENGINEERING.

In making Professor A. Marston, head of the Civil Engineering Department, Dean of the Division, we should have relieved him of the direct responsibility and care of the Civil Engineering Department. This we have not been able as yet to accomplish fully. However, with the assistance of Associate Professor Ashbaugh and other members of the Civil Engineering Department instruction force, the work has been carried very successfully.

ELECTRICAL ENGINEERING DEPARTMENT.

Upon the death of Assistant Professor B. S. Lanphear of the Electrical Engineering instructional force, an Associate Professorship was created in place of an Assistant Professorship, and Mr. Frederick A. Fish, of Ohio State University was elected to the position, Mr. Adolph Shane, B. S. in E. E., being elected Acting Professor of Electrical Engineering. More recently Mr. A. B. Anderson, Ph. D. of the University of Wisconsin, and Mr. A. H. Hoffman, B. Sc. in E. E., a graduate of the Iowa State College in the class of 1905, have been appointed instructors in physics. The changes have materially strengthened the department of Physics and Electrical Engineering.

MINING ENGINEERING DEPARTMENT.

In the Department of Geology and Mining Engineering, Mr. Edward E. Bugbee, E. M., and Mr. I. A. Williams, B. Sc., A. M., have been elected Associate Professors.

Dean Marston calls attention to the very significant increase in the enrollment of students in the Mining Engineering Course:

1894	0	1899-00.....	6
1895	2	1900-01.....	12
1896	3	1901-02.....	16
1897	4	1902-03.....	20
1898-99	2	1903-04.....	39
		1904-05.....	39

DEPARTMENT OF MECHANICAL ENGINEERING.

The Department of Mechanical Engineering not only provides in its shops and laboratories as well as in a number of its more fundamental lecture and instruction courses, for the students enrolled as mechanical

engineering students, but for all other students in the Engineering Division and for many in the Division of Science. So that, like the departments of general science, this department provides laboratory and instruction facilities for a very large enrollment.

ENGINEERING EXPERIMENT STATION.

The small appropriation made by the last legislature enabled the College authorities to establish an Engineering Experiment Station. The need for this kind of investigation work was so obvious as to constitute in itself convincing argument for such an appropriation to be made and for such work to be begun. Though the appropriation has been very small, the results are very gratifying and some of them quite conclusive. I would call particular attention to Dean Marston's report upon this subject. The support for this work should be made far more adequate than it now is and at least be placed at the initial figure of the first appropriation made for the Agricultural Experiment Station, namely: \$15,000 annually.

- Attention is called to the fact that already bulletins have been issued upon the following subjects by the Engineering Station:

Tests of Dry Press Brick.
Steam Generation with Iowa Coal.
Dredging by the Hydraulic Method.
Iowa Sewage Disposal System.
Good Roads Problems in Iowa.

DIVISION OF SCIENCE.

DEPARTMENT OF MATHEMATICS.

Mathematical science is fundamental to very much of the technical work of the College, particularly in all courses in engineering. Under Professor E. W. Stanton's able direction and personal instruction and oversight, the work in mathematics at the Iowa State College has become recognized throughout the State and country for its thoroughness and scientific character. In addition to the fundamental subjects in mathematics as usually taught, special attention is being given to the application of mathematics to engineering problems and the preparation of students for advanced work in engineering courses.

DEPARTMENT OF BOTANY.

With a scant appropriation for assistants, throwing almost the entire burden of the instruction work and especially of the supervision of that work, upon the Head Professor, the Department of Botany, has, nevertheless, made very satisfactory progress. This work is quite fundamental particularly to the courses of Animal Husbandry and Agronomy, as well as the course in General Science and in Domestic Science. With the increased facilities furnished in the new main hall for this department and with the equipment which it is hoped may be obtained in the near future, this important department of scientific instruction and research will be well provided for. There should be in the immediate future an addition of two competent instructors or assistants with the rank of assistant professors; there should also be provided a scholarship assistant or fellowship.

DEPARTMENT OF ZOOLOGY.

Fundamental to the work in Animal Husbandry and in Veterinary Science are the courses in Zoology, particularly in Embryology, Evolution of Animals, Comparative Anatomy, and Animal Parasites; fundamental to the work in Domestic Science are the courses in Neurology, Human Physiology, Vertebrate Zoology; and fundamental to the work in Horticulture are the courses in Entomology and Applied Entomology.

DEPARTMENT OF ECONOMIC SCIENCE.

In the Department of Economic Science, under Dr. Benjamin H. Hibbard, particular attention is given, first to the Outlines of Economics, and following, to the History of Political Economy, Economic Problems, Money and Banking, Finance, Industrial History of the United States, and American Labor. Some means should be afforded this Department at an early date for original investigation into the economic problems which particularly concern this state, and no man is more capable of conducting such investigations than Dr. Hibbard.

DEPARTMENT OF DOMESTIC SCIENCE.

Upon the resignation of Miss Sabin, as head of the Department of Domestic Science, Miss Georgetta Witter was elected to this position and assumed her duties with the opening of the school year of 1904-05. Miss Witter has been thoroughly prepared in the best schools of America and Europe for this work, which was taken up with enthusiasm and thoroughness from the first. As a result, the course in Domestic Science has been reorganized, placed upon a scientific basis and is carried through with the greatest thoroughness. The Normal

Course of two years in Domestic Science has been dropped, substituting in its place a thoroughly scientific course of four years, leading to the degree of Bachelor of Domestic Science (B. D. S.).

As heretofore a course in General and Domestic Science is offered to all young women who desire to pursue such a course, and also a course in General Science for women as well as men.

DEPARTMENT OF ENGLISH.

In the department of English with its very large number of students and classes, there have been several changes in instructors. Miss Elizabeth Moore, Ph. M. of the University of Chicago, Miss Dora Thompkins, A. M., Miss Rose Abel, A. B., and the return of Assistant Professor Bessie M. Larrabee, after a year's study in the University of Chicago, leave the Department distinctly stronger than ever before in its history.

DEPARTMENT OF HISTORY.

Mr. Paul S. Peirce, Ph. D., Assistant Professor of History of the University of Iowa, has been elected Assistant Professor of History in the Iowa State College, beginning his duties here September, 1904. Dr. Peirce brings to the institution excellent ideals, sound scholarship and a strong personality.

The courses in History are primarily outlined with reference to the needs of the large body of students taking technical courses in the institution. Such students cannot devote as much time to history as would be desirable in other courses, but they do need a comprehensive view of the development of modern institutions, political, industrial and social, and as intelligent citizens to understand something of the origin of the liberties which we enjoy. The work done in the Department of History is of a high standard of scholarship,

DEPARTMENT OF CIVICS.

In the year 1904 the Department of Civics was created and Professor Richard C. Barrett was elected to this chair. Inasmuch as no work was given in the institution distinctly in the field of civics, it seemed quite important that this addition should be made to the work of the College. Courses are offered in Elementary Civics, Principles of American Government, a course on the State and Federal Constitutions, Rural Law, Actual Government, and Comparative Government.

In addition to the work involved in giving the lectures and instruction in the Department, Professor Barrett has been assigned the duties of the Chairmanship of the Committee on Entrance Requirements and Secondary School Relations of the faculty, and gives as much of his time as he can spare for the purpose of organizing the relations of the College to the secondary schools of the State.

DEPARTMENT OF MUSIC.

The Department of Music in the year 1904-05, for the first time offered a four years course, upon the completion of which a certificate is granted.

PHYSICAL DIRECTORS.

With the assistance of the Athletic Association, an organization of the students and faculty, which guarantees and pays one-half of his salary, Mr. John P. Watson has been secured as Physical Director for men. His services are of the greatest value to the students, not alone in giving personal and expert attention to the physical health and wellbeing of the students who participate in the intercollegiate games, but far more widely in his personal attention to the physical health and wellbeing of hundreds of others who are constantly under his advice and direction in athletic exercises.

It is a commendable fact that there are almost never any serious physical injuries resulting to students who are thus conditioned and directed by so competent a man as Mr. Watson and it is also commendable that the average health of the student body has been markedly improved. In spite of the fact of the absence of a gymnasium and any gymnasium equipment, incalculable good has been done.

Miss Winifred R. Tilden has also been made instructor in physical culture for women. Her thorough and intelligent enthusiasm has been contagious. The young women are not only delighted but are greatly benefited by her work.

VARIETY AND EXTENT OF COURSES OFFERED.

It must appear to the casual observer that the most marked development of the educational work at the State College is in the variety and extent of the courses of study that are now offered. If the College were only offering the simple courses as once given, the mere increase in the number of students, though that should have come as it most certainly would not under this supposition, would have meant relatively

only a proportionate increase in the expense for instructors and laboratory work. The development, however, has found its most significant expression in the large and varied and extended courses offered and in the work done. A single department, or subdepartment like that of Soils, requires more extensive and expensive equipment and a larger corps of instructors than was given to the whole subject of agriculture but a few years ago.

COURSES IN AGRICULTURE.

Whereas, but a few years ago there was but one course in agriculture, there are now several distinct departments. The work is largely given in the form of lectures, more advanced and up-to-date than could be offered from any text books yet published, and in laboratory work, of the greatest value always to the students of science and applied science; much of it also in the form of literature found in special and current publications.

COURSES IN ENGINEERING.

In the School of Engineering, with an enrollment of nearly eight hundred students, courses are offered in Civil Engineering, Mechanical Engineering, Electrical Engineering, and Mining Engineering, not inferior in extent or in thoroughness to those of the best courses of engineering in the country. It is not generally appreciated, but is nevertheless a fact, that Iowa has at the State College, one of the great engineering schools of the United States and of the world. Its graduates have made most creditable records for themselves, reflecting honor and credit upon the school, wherever they have gone. In grateful recognition of the value of the education given him at the Iowa State College, one of the alumni, recently deceased, Mr. Geo. W. Catt, left a valuable engineering library and one-half of a large estate to the College by his will.

COURSES IN SCIENCE.

Indispensable to the work of an institution like the Iowa State College, are the Departments of Science, and closely related to these as fundamental studies are the courses offered in History, English, Mathematics, Public Speaking, Civics, Economic Science and Modern Languages. One large building has been entirely fitted up and given over to the Department of Chemistry, where nearly five hundred students can be accommodated in one semester in this one subject. So

fundamental is the science of chemistry that, in general, it may be said that no student can be graduated from the institution in any of its courses without having had at least a year of chemistry. Fundamental also is the work in Zoology and the work in Botany. The Department of Physics is coupled with that of Electrical Engineering, but is no less important as a fundamental science in many of the courses; the same may also be said of the Department of Geology, which is coupled with that of Mining Engineering.

The College, therefore, offers in this group of studies an excellent basis for a general course in science, leading to the degree of Bachelor of Science (B. S.). The science courses as given are quite as elastic in the matter of electives as is consistent with a uniform co-ordination of the studies that any student shall take. Such a course, however, may be quite liberal if the student so elects, putting the emphasis of his work upon any one of the main subjects offered.

GRADUATE COURSES AND WORK.

It is quite gratifying to the College to have coming to it graduate students of many other institutions, seeking here advanced work. Graduate students have been enrolled, particularly in the Division of Agriculture, taking major work in Agronomy, Animal Husbandry and Dairying; also in the Science Division in the Department of Botany. It is this strong advanced research work by graduate students, that is at once a test and a testimony as to the character and efficiency of the work of the College.

BUILDINGS.

AGRICULTURAL ENGINEERING HALL.

Agricultural Engineering Hall has been completed at a total cost of \$57,243.00. This building, which is fire proof and three stories high with a balcony, practically making four stories, provides room for all lines of laboratory work and also drawing and lecture rooms for the Department of Agricultural Engineering. It is well equipped with apparatus and machinery, the latter being largely contributed by the manufacturers, who have loaned the College for laboratory use, the best types of modern agricultural machinery. The cost of this machinery, if the College had been obliged to purchase same at market value, would have been not less than \$20,000.00.

NEW DAIRY BUILDING.

The new dairy building could not be begun nor completed so promptly as was desirable because of the restriction of the appropriation to quarterly payments. This building was practically completed within the biennial period and constitutes one of the most modern and will be one of the best equipped buildings for its purpose in the world. If the appropriation for the dairy building had been granted at the figure asked, it would have been possible to have constructed a building fifteen feet longer and to have made class rooms capable of seating 125 students instead of 75, as is now the case. The building, therefore, will scarcely be adequate for our class room needs and should have been built according to the original design. Aside from this limitation, which will sometimes require the division of classes that ought to meet together and so double our work, the building will meet the needs of the Dairy Department and the Dairy Section of the Station most admirably.

The installation of the Vilter Ice Machine and a large number of refrigerating rooms, will make it possible to carry out quite thoroughly, extensive instructional and experimental work.

CENTRAL HEATING PLANT.

The amount appropriated for the central heating plant, \$54,500.00, has proven inadequate for even a partial construction of such a plant. After submitting several propositions for competitive bids, the project had to be abandoned of attempting a central heating plant at present. Boilers, however, have been added to the heating plant already in operation for Engineering Hall and tunnels constructed to the new main hall and Morrill Hall, which can later be utilized in carrying the heat from the central plant to these buildings. The estimates of the probable cost for a central heating plant, as furnished by the Engineering Department at the College, have proven approximately correct, as shown by the competitive bids submitted.

HORTICULTURAL STORAGE HOUSE.

The new Horticultural building for the storing of seeds and nursery stock, and for housing the teams, wagons and implements belonging to the Department, has been erected, the funds being taken from the Repair and Improvement Fund, at a cost of \$6,213.00. This together with the greenhouses, completed during the biennial period and costing \$19,000.00, furnishes a very satisfactory equipment for the Horticultural Department and the Horticultural Section.

THE NEW MAIN HALL.

The new main hall was begun and carried almost to completion within the biennial period. To the original appropriation of \$35,000.00 for the foundation was added a later appropriation for dome, attic story, east portico, four pilasters on the west side and the pediment over the same, \$22,000.00; for the restoration of granite instead of Bedford stone for base and steps, \$12,000.00; for heating, lighting, plumbing and fixtures, \$29,000.00; furnishings, \$32,000.00, amounting to \$95,000.00, by the Thirtieth General Assembly.

This hall when completed will be one of the most substantial and noble educational buildings in the whole country. With granite base, fire proof construction, walls of Bedford stone and interior finish to correspond, it is built to stand for centuries, a worthy monument to the faith, hope, enterprise and high educational ideals of a great state. This hall will house the departments of English and Literature, Modern Languages, Mathematics, History, Civics, Economic Science, Public Speaking and Botany. All of these Departments, except that of Botany, have been temporarily and very uncomfortably accommodated in Emergency Hall. Here for many years since the burning of the old main building, these departments, with their hundreds of students, have been carrying on their work with the greatest inconvenience and under conditions that were a positive menace to health. The Department of Botany has occupied temporarily the large dining room in Margaret Hall.

Aside from the special appropriation already mentioned, the cost of the new main hall will be paid from the millage tax fund. The entire cost of the building and furnishings will approximate \$401,297.00.

It is universally acknowledged by competent judges that the College has secured in these buildings, recently completed and in process of erection, very full value for all moneys expended. This is particularly true of the larger contracts, like those for the new dairy building and the new main hall. The method in vogue at the College of employing a competent architect to draw up the plans and specifications, and to make an estimate, and in conjunction with him, employing as College engineer, Dean Marston, and, where all questions of mechanical engineering are involved, Vice-Dean Bissell and Associate Professor Meeker, seems to produce most satisfactory results.

COURSE OF STUDY AND ATTENDANCE.

In June of 1905, the College graduated the largest class in its history, numbering 174; in addition to this eight young women received

certificates upon completion of the two years' course in Domestic Science.

The requirements for admission to Freshman standing have been steadily advanced until now this institution stands on a par with the best institutions of the country. The entrance requirements are such as to justify and prepare for the thorough and extensive work required in the four-year courses, for graduation. While the raising of the requirements for admission and the standards for graduation makes it necessary that students secure more adequate preparation before entering the College, they make so much stronger students after they do enter, as to amply justify the raising of the standards. We are glad to know that the attendance has not been even temporarily lessened by this raising of the standards although that might have been anticipated. But the attendance has steadily increased and the increase is more marked in the courses that are more thoroughly established and of the highest grade and character. Indeed, to enable the student to carry successfully the courses as now given, it is necessary that he should have the preparation which we require and which is in harmony with the requirements of other well established institutions in good standing. The demands made upon the professional and scientific men of the future will also most certainly be such as to make these qualifications essential to their success.

As a matter of interest a census of students was taken during the spring of 1905, showing the occupation of their parents, which is as follows:

Auctioneer	1	Baker	1
Brewer	1	Blacksmith	6
Bookkeeper	3	County Officer	1
Banker	23	Dentist	1
Contractor	9	Engineer	21
Day Laborer	10	Farmers	287
Editor	9	Wagon Maker	1
Boarding-house keeper	7	Harness Maker	3
Indian Agent	1	Insurance	6
Lawyers	19	Laundrymen	1
Mail Service	8	Mechanics	7
Ministers	21	Merchants	129
Masons	4	Lumbermen	16
Miners	3	Manufacturers	9
On occupations not given or parent not living	166	Nursery	4
Physician	25	Photographer	1
Oil Inspector	1	Traveling Salesmen	21
Railroad	18	Plumber	1
Stockman	26	Retired	135
Abstractor	2	Real Estate	29
		Teachers	12

The registration for the year 1904-05 shows that 263 students entered the College from high schools; 34 from common schools, 3

from business colleges, 24 from other colleges and 20 from academies. These statistics show that we have vital relations with the high schools and are dependent upon them for the preparation of our students for College work.

In order to gain the support of high schools and to make the way clear for students to enter the college and to encourage college attendance as well as stimulate the high schools to doing better preparatory work, the College needs to have its relation with the high schools more thoroughly organized. This we are endeavoring to accomplish though unable as yet to put a man into the field to give his time largely to this service. The secondary schools of Iowa are so numerous and should have such close inspection that until such a time as the state may provide for this inspection through the Superintendent of Public Instruction, it will require the utmost effort of all of the Colleges and the State University to even partially cover the ground and accomplish the desired results.

A comparison with other institutions, particularly with those in which the college of agriculture has been located upon the same campus as the college of liberal arts and professional schools, shows that we are enabled here to carry the undergraduate and the graduate work in science as related to agriculture, to a higher standard and to do more work of a thorough, scientific character and of college grade, than is done in any other institution in the country. The colleges of agriculture, so called, connected with state institutions in several of the states are doing only secondary school work of a high school character, quite elementary and altogether below the grade of scientific, college work. This is not said in disparagement of the work of these sister institutions. Much may be said to their credit. But it still remains true that the Iowa State College has been enabled, on account of its independent existence upon its own campus and with its own Board of Trustees, to develop a higher grade of work and thereby to gain prestige and standing in the educational world and to produce results which we modestly believe are not paralleled elsewhere. It is a matter worthy of serious consideration that an institution like this with upwards of one hundred laboratories and its twenty-nine departments is much more varied and complex in its curricula than any university or college of fifty years ago. The developments of science have been so wonderful and the results so varied and rich that it may well be questioned whether the old notion of a university that shall embrace all subjects and studies must not soon be abandoned for the more practical scheme of such a grouping of schools and subjects as are mutually and closely

related in separate organizations. The results upon the campus at Ames would seem to justify this conclusion.

I wish particularly to call attention to Dean Marston's argument concerning the close association of agricultural and engineering studies and research. There is a kindred purpose and spirit between these two great branches of research and instruction that make them as mutually helpful each to the other and dependent each upon the other, as are the two oars of a boat. It should also be added that these technical courses, both in agriculture and in engineering, need to rest back upon the fundamental sciences and the general studies which will enable technical work to be thoroughly based in the sciences and broadly educational. The Departments of Science, of Mathematics, of History, of English, or Modern Languages, of Political Science, and so forth, are, therefore, a very essential part of such technical courses and constitute in themselves an element of the general science course for such students as desire the more general studies. In other words, the work of the land-grant college is briefly expressed in the words of the Morrill law, "a liberal and practical education of the industrial classes."

AN INSTITUTE OF TECHNOLOGY.

The Iowa State College of Agriculture and Mechanic Arts, following out the fertile idea in the original land-grant act, "to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life," has developed into an institution of technology. This development or evolution has been organic and harmonious with the fundamental conception of its purpose. Evidently there has been no radical or ill-advised departure from this fundamental idea. The students who come to the Iowa State College come for the most part with a definite purpose. They know what they want. At the same time for the most of them, their college work at Ames will be the only college work they will ever do. While the studies in science and science as related to the industries are, therefore, placed prominently forward in all of the work done, yet it was never intended that this or any other sister, land-grant college should be merely a trades school. It is their broad purpose to give a thorough education, that shall fit men and women for citizenship and for life.

The land-grant colleges stand pre-eminently as exponents of the new idea in education, namely: That the courses in science and in applied science may constitute an important part of the college curriculum that shall be of as high a cultural and educational value as the classical courses in the liberal arts colleges and universities. There is a

fundamental and interesting harmony between this idea and the idea that is at the heart of democratic civilization, a harmony which finds expression in the conviction that men and women may be no less thoroughly and scientifically educated if an important part of their courses of study has had to do with the real interests of life. The State College, therefore, stands pre-eminently for industrial efficiency and thorough education and sends forth its foster children prepared to take at once useful and important places in the affairs of the world.

POST GRADUATE WORK.

It is a matter of great gratification to all concerned that graduate students from some of the leading universities and colleges of the country are seeking advanced work at Ames. Our laboratories, particularly in Soils, Botany and in Chemistry as related to the industries, are attracting to us a very strong body of students.

CONCERNING THE INCREASED GENERAL EXPENSES OF RUNNING THE COLLEGE.

The increased expense for the fires, lights and janitor service is indicated by the following statement taken from the Secretary's books. In 1900 practically no appropriation was necessary from the general support fund to meet this expense, the student's Janitor Fee, as it is called, provided sufficient to meet same. However, in 1901 the tax upon the support fund for this purpose was \$4,016.05; in 1902, \$3,389.69; in 1903, \$8,345.49; in 1904, \$12,572.21. This year it will be between \$15,000.00 and \$16,000.00. The estimated expense for next year will be \$22,000.00 or \$23,000.00; this provides for only one-half year of heating, lighting and caring for the Central Building. The probabilities are that for the year 1906-07, the draft upon the support fund for this purpose will not be less than \$27,000.00 or \$28,000.00. This eats alarmingly into our support fund and accounts largely for the diminished appropriations for the expenses and equipment of the departments.

The new buildings, furnishing us as they do, more adequate accommodations for our work, are nevertheless crippling us in the resources for that work unless more adequate provision can be made for meeting this heavy expense.

The expense for heat, light and janitor service for the biennial period has amounted to \$50,890.20, and it deserves also to be said that the affairs of this department have been administered in a most business-

like and careful manner under the superintendency of Professor G. W. Bissell, Custodian Ben Edwards and Mr. W. H. Grover.

LABORATORIES AND FEES.

The Secretary's report shows the receipt of fees from all sources to amount to \$26,072.70 for the year 1903-04 and \$27,497.47 for 1904-05. It should be borne in mind that this does not constitute a source of income proper to the institution. There are over one hundred distinct laboratories in connection with the work of the State College and Experiment Stations. In so far as these laboratories are given over to instructional work and belong to the College proper, the student fees theoretically are intended to cover merely the cost of materials used by the student, and thus are no more a source of income to the College than would be the case in an institution, for convenience sake, furnishing the students with text books at cost. As a matter of fact, a somewhat careful inquiry made one year ago, showed that in some of the laboratories, particularly in mechanical engineering, the student fees did not cover the actual expenses and the College funds suffered somewhat of a net loss in running its laboratories so far as student materials are concerned.

That which is true of the laboratories proper is also true of our greatest laboratory in extent, namely: the laboratory in Farm Crops and Farm Management and Animal Husbandry. The farm itself constitutes a laboratory and in the nature of the case it must be run, not on a commercial basis for profit, but on an educational basis for the purpose of instruction. A great many varieties of stock are kept that the varieties or breeds may be illustrated in the stock judging classes and the animals are kept for this purpose primarily.

Commercially, it is always found to be unprofitable to keep a large number of breeds upon one place but for the purposes of instruction and education, which are primary in the College, it is highly important. As the result, over and above all receipts from sales of the farm, there has to be appropriated from the College funds each year, a considerable sum to meet what would otherwise be a deficit. This laboratory, therefore, as all others, including the dairy, has been thus far and perhaps always will be run at a net loss to the institution.

CONCERNING THE PROFESSIONAL AND SCIENTIFIC STANDING OF OUR FACULTY MEMBERS.

I believe it is a matter of congratulation to the State and to the College that the members of our faculty are recognized as professional

experts and scientific authorities in their various fields. Dean Marston has referred to the fact that members of our faculty are frequently called upon for expert counsel; Dean Marston modestly omits to mention his own name in this connection. But I believe nothing counts more for the influence and standing of the College than the fact of its having in its faculty men recognized as authorities in their special fields.

An educational institution is in part judged, and rightly so, by the original contributions which its faculty may furnish in their special fields of research. This is particularly true in this day of any educational institution presuming to give emphasis to scientific studies. While it is often apparently the case that scientific investigations and research have no particular money value or relationship to the various industries, yet it often happens that out of such research have come the most valuable practical results. Thus the patient work of Pasteur has saved to France the silk industry, threatened with extinction. It is from the laboratories of the experimental scientists that marvelous developments have come in the application of electricity and of the knowledge of bacteriology in its application to human welfare in modern scientific medicine. It has properly been said that "no knowledge of substance or force of life is so remote or minute, although apparently indefinitely distant from present practice, but that tomorrow it may become an indispensable need."

I have already made some reference to the value to the agricultural interests of the State of the research work done in the laboratories of the Station and of the College, but I wish here to particularly call attention to the scientific contributions from various members of the faculty as this constitutes a most creditable and valuable scientific output of the institution. Recently papers have appeared from the following men:

DIVISION OF AGRICULTURE.

C. F. Curtiss, Dean of the Division of Agriculture and Director of the Experiment Station.

"The Important Advances in the Science and Practice of Stock Feeding Due to Experiment Station Work."

For the United States Department of Agriculture.

"The Economic Functions of Live Stock."

Delivered before the American Association for the Advancement of Science, St. Louis, December, 1903, and published in "Science."

"The Work of the Agricultural Colleges and Experiment Stations in Animal Breeding."

Delivered before the Association of American Agricultural Colleges and Experiment Stations, October, 1904.

"Animal Breeding Experiments at the Agricultural College."

Delivered before the American Breeder's Association, December, 1903.

"The Work of the Agricultural Colleges and Experiment Stations."

Delivered before the American Cattle Growers' Association, May, 1905.

G. P. Holden, Vice-Dean of the Division of Agriculture, and Professor of Agronomy.

Series of Articles for Successful Farming on

"The Improvement of Corn:"

"What Constitutes a Good Ear of Corn."

"Harvesting and Storing Seed Corn."

"Combating the Corn Root Worm."

"County Co-operative Experiment Stations:—A Forward Move in Modern Agriculture."

"Enormous Losses to the Corn Crop from the Corn Root Worm."

"How to Increase the Yield of Corn."

"Maintaining the Fertility of the Soil."

Written for The Furrow.

"Corn as a Factor in Kentucky's Development."

Delivered before the Kentucky State Development Convention and incorporated in their Annual Report; also furnished to New York Financial World.

"Selecting and Preparing Seed Corn."

For Iowa Year Book.

"Iowa's Campaign for Better Corn."

In Review of Reviews.

W. J. Kennedy, Vice-Director of the Experiment Station, and Professor of Animal Husbandry.

"Hunter Horse Breeding in Ireland."

Published in the Bureau of Animal Industry Annual Report for the year 1905.

"Report on Cattle, Sheep and Swine Feeding in Europe."

Issued by the Bureau of Animal Industry of the United States Department of Agriculture.

W. H. Stevenson, Professor of Soils.

"The Corner Stone of Agricultural Prosperity."

"Treatment of Peaty Swamp Soils."

"Road Drainage."

Published in Wallaces' Farmer.

"Drainage of Farm Lands."

"Crop Rotation."

Published in The Furrow.

"The Railroads' Opportunity to Advance Iowa's Agricultural Interests."

Published in the Chicago Record-Herald.

"The Relation of the Soil to Underdrainage."

Paper read before the Second Annual Meeting of the Iowa State Drainage Association.

"Soil Physics Laboratory Guide."

Text-book published in September, 1905.

G. L. McKay, Professor of Dairying.

O. Larsen, Assistant Professor of Dairying.

"Milk and Its Products."

A new book by McKay and Larsen, now in the hands of the publishers, John Wiley & Sons, New York.

F. W. Bouska, Professor of Bacteriology.

"A Study of Antagonism between Lactic Acid Bacteria and Bacteria of the Bacillus Subtilis Group."

Published in Jahrbuch der Schweiz.

DIVISION OF ENGINEERING.

A. Marston, Dean of the Division of Engineering, and Professor of Civil Engineering.

"Filtration of Natural Waters."

Address before Annual Convention of Iowa Municipal League, Cedar Rapids; reprinted in Midland Municipalities, Vol. VIII, No. 4.

"Sewage Disposal in Iowa."

Proceedings of Western Society of Engineers, Vol. VIII, No.

6. Awarded Chanute medal of Western Society of Engineers as most meritorious paper in Civil Engineering, 1903.

Also awarded Fuertes medal by Cornell University for original research.

"Sewage Disposal for Private Houses."

Farmers Tribune.

"Drainage Engineering."

Proceedings of First Annual Iowa State Drainage Convention.

"The Importance of Drainage in Good Roads Construction."

Proceedings of Second Iowa State Drainage Convention.

"Drainage Engineering Notes."

"Engineering Problems for Small Towns."

Address before Annual Convention of Iowa Municipal League, Waterloo, October, 1903. Reprinted in Midland Municipalities, Vol. VI, No. 5.

"Report of Chairman of Committee on Roads and Pavements, Iowa Engineering Society."

Abstract of same in Engineering News, Vol. 53, No. 6.

"Tests of Concrete Block and Sand Lime Brick."

Read before Iowa Brick and Tile Manufacturers' Association, Mason City, January, 1904. Reprinted in Engineering News, Vol. LI, No. 16; also in Brick, Vol. XX, No. 5.

"Tests of Strength of Hollow Building Blocks."

Iowa Geological Surety, Vol. XIV, pages 574-598.

"Tests of Iowa Paving Brick."

- Iowa Geological Survey, Vol. XIV, pages 601-620.
"Tests of Iowa Common Brick."
Iowa Geological Survey, Vol. XIV, pages 574-798.
"Field Work in Civil Engineering at Iowa State College."
Read Before the Society for the Promotion of Engineering Education, St. Louis, September, 1904. Proceedings, Vol. XII, pages 131-158.
- T. H. McDonald**, Assistant Professor of Civil Engineering, in Charge of Good Roads Investigation.
"Concrete Culverts."
Read before Iowa Cement Users Convention. Published in Iowa Engineer, March, 1905, page 181.
"Permanent Bridges and Culverts."
Iowa Agriculturist, October, 1905.
"Concrete Culverts."
Proceedings of Iowa Good Roads Association, 1905.
Material for Good Roads Special Editions, including papers on "Earth Roads," "Culverts," etc.
For Villisca Letter, Oct. 25, 1905; Spirit Lake Beacon, Aug., 1905; Albia Republican, July 27, 1905; and Elkader Agrus, July 12, 1905.
"Maintenance of Earth Roads."
Farm Gazette, Sept., 1905.
"Proceedings of the Iowa Good Roads Association, June, 1905."
Published by the Association, Ames, Iowa.
- A. Marston and T. H. McDonald.**
"Manual for Iowa Highway Officers."
Iowa Highway Commission, 1905.
"Strength of Reinforced Concrete."
Discussion of paper by T. L. Condron. Journal of Western Society of Engineers, Vol. X, No. 3.
- L. E. Ashbaugh**, Associate Professor of Civil Engineering.
"Study of the Cost of Engineering Construction."
"Notes on Office Methods in Structural Iron Work."
Proceedings of Iowa Engineering Society, 1904, page 70.
"Methods of Topographical Surveys as used on Iowa Meandered Lakebed Investigations."
Proceedings of Iowa Engineering Society, 1905, page 124.
"The Stadia-Intersection Method for Topographical Surveys."
Journal of the Western Society of Engineers, Vol. X, page 204.
"The Preservation of Iowa's Lakes."
Proceedings of the Iowa Park and Forestry Association, 1904.
"Iowa's Meandered Lakes, their Maintenance or Drainage."
Proceedings of the Iowa State Drainage Convention, 1905, page 50.
- F. C. French**, Assistant Professor of Civil Engineering.

STATE COLLEGE OF AGRICULTURE.

"Notes on Railway Construction from a Resident Engineer's Standpoint."

Proceedings of Iowa Engineering Society, Jan., 1904. Reprinted in Engineering News, Vol. LI, No. 5; also in Engineering Record, Vol. XLIX, Nos. 5 and 6.

"State Railway Taxation."

A thesis for professional degree of C. E. at the Iowa State College, June, 1905.

S. W. Beyer, Professor of Geology and Mining Engineering.

"Mineral Resources of Iowa."

Compiled and published annually, Iowa Geological Survey.

J. A. Williams, Assistant Professor of Mining, and **S. W. Beyer**.

"Iowa Clays and Clay Industries."

Iowa State Geological Survey, Vol. XIV.

"Geology of Jasper County."

Iowa Geological Survey, Vol. XV.

"Comparison of Methods for Determining the Mineral Composition of Igneous Rocks."

January number of the American Geologist.

I. B. Spinney, Professor of Physics and Electrical Engineering.

"Lamp Testing."

Paper read before the Iowa Electrical Association, April 21, 1904, published in Iowa Engineer.

"The Rating of Incandescent Lamps."

Paper read before the Iowa Electrical Association, April 20, 1904, published in Western Electrician.

"Development of the Alternating Current System of Electric Traction."

Paper read before the Iowa Engineering Society, June 13, 1905, published in the proceedings of that body.

G. W. Bissell, Vice Dean of the Division of Engineering, and Professor of Mechanical Engineering.

"Combustion of Fuel for Steam Generation."

Paper read at Sioux City, before Association of Stationary Engineers.

"Mechanical Engineering in Iowa."

Iowa Engineer, Vol. IV.

"Hot Blast Heating and Ventilation."

Paper read at St. Louis, before American Association for Advancement of Science.

"Hot Blast Heating."

Paper read before Iowa Brick and Tile Makers Association, Ottumwa, Iowa.

"The Combustion of Iowa Coals."

Paper read before Iowa Electrical Association, Des Moines, Iowa.

"Mechanical Engineering in Clay Working."

Iowa Engineer, Vol. II.

- "Should Manual Training be a College Entrance Requirement?"
Iowa Engineer, Vol. IV,
"Installation and Care of Power Plants for Clay Workers."
Iowa Geological Survey, Vol. XIV.
W. M. Wilson, Assistant Professor of Mechanical Engineering.
"Spurr-gear Anglemeter."
American Machinist, Vol XXVIII, page 479.
"Test of Rough Gray-iron Spurr-gears."
American Machinist, Vol. XXVIII, page 41.
H. W. Dow, Assistant Professor of Mechanical Engineering.
"Notes on Mechanical Drawing." (Second Edition.)
F. G. Allen, Instructor in Mechanical Engineering, H. W. Dow.
"The Methods of Isometric Projection and Linear Perspective."

DIVISION OF SCIENCE.

- J. E. Guthrie, Assistant Professor of Zoology.
"The Collembola of Minnesota."
Geological and Natural History Survey of Minnesota Zoological, Series IV, page 103, plate 16.
"The Furcula in the Collembola."
Proceedings Iowa Academy of Science, Vol. XI, page 5 plate 3.
H. J. Quayle, Instructor in Zoology.
"Spraying for Scale Insects."
Bulletin 166, Cal. Ex. Sta., April, 1905.
"Notes on the Egg Laying Habits of Culex Curriel."
Entomological News, December, 1905. (In press.)
"Notes on Taeniorhynchus Squamiger."
Canadian Entomologist, December, 1905. (In press.)
"Mosquito Control Work in California."
Bulletin Cal. Ex. Sta. (In press.)
L. H. Pammel, Professor of Botany.
A Comparative Study of the Vegetation of Swamp, Clay and Sandstone Areas in Western Wisconsin, Southeastern Minnesota, Northeastern, Central and Southeastern Iowa."
Proceedings Davenport Academy of Science.
"Some Unusual Fungus Diseases in Iowa during the Summer of 1903."
Proceedings Society for Promotion of Agricultural Science.
"What the College has done for Park and Forestry during the last Thirty Years."
Proceedings Iowa Park and Forestry Association, 1904.
"Sheep Grazing in the Forest Reserves, from a Layman's Standpoint."
Proceedings American Forestry Congress, 1905.
"Notes on Some Plants of Northeastern Iowa."
Plant World, 1905.
"Some Fungus Diseases Common in Iowa During the Season of 1904."

Proceedings Society for Promotion of Agricultural Science,
1905.

"Notes on the Flora, Especially the Forest Flora of the Bitter
Root Mountains."

Proceedings Iowa Academy of Science, 1905.

"Climbing Plants."

Transactions of Iowa Horticultural Society, 1904.

"Some of the more important fungus diseases of 1904." Tran-
sactions of Iowa Horticultural Society, 1904.

"Forestry Conditions in Western Wisconsin."

Forestry and Irrigation, 1904.

L. H. Pammel and J. B. Weems.

"An Investigation of Some Iowa Sewage Disposal Systems."

Centr. Bakt. Parasitenk. u. Infekt, 1904.

L. H. Pammel, C. R. Ball and I. L. Scribner.

"The Descriptive and Geographical Study of the Grasses of Iowa."
Iowa Geological Survey Supplementary Report, 1903.

**L. H. Pammel, R. E. Buchanan, Assistant in Botany, and Edna L.
King.**

Some Bacteriological Examinations of Iowa Waters."

Proceedings Iowa Academy of Science, 1904.

L. H. Pammel and Estelle D. Fogel, Assistant in Botany.

"Some Railroad Water Supplies."

Proceedings Iowa Academy of Science, 1905.

R. E. Buchanan, Assistant in Botany.

"A Contribution to Our Knowledge of the Development of *Prunus
Americana*."

Proceedings Iowa Academy of Science, 1904.

"Notes on a Thermophilic Bacillus."

Proceedings Iowa Academy of Science, 1905.

Charlotte M. King, Station Artist.

"Observation on the Phenology of Plants at Ames."

Transactions Iowa Horticultural Society, 1904.

Harriette S. Kellogg, Instructor in Botany.

"Folk Use of Medicinal Plants."

Transactions of Iowa Horticultural Society, 1904.

H. S. Fawcett.

"Variation in Ray Flowers of *Anthemis Cotula* and Other Com-
posites."

Proceedings Iowa Academy of Science, 1905.

Grace Rood de Rueda.

"The Biology of the *Bacillus Violaceus* Laurentins or *Pseudomonas
janthina*."

Proceedings Iowa Academy of Science, 1905.

Harry F. Watt.

"Growth and Pigment Production of *Pseudomonas janthina*."

Proceedings Iowa Academy of Science, 1905.

B. H. Hibbard, Associate Professor of Economic Science.

"Indian Agriculture in Southern Wisconsin."

Proceedings of Wisconsin Historical Society, 1905.

"History of Agriculture in Dane County, Wisconsin."

Published by the University of Wisconsin, 1905.

SOME ADVANTAGES ACCRUING TO THE PEOPLE OF THE STATE.

The governor of the state one year ago made this statement: "I believe that this institution this year has added more to the value of the corn crop of Iowa than has been expended by the State for the up-
-holding of the institution in the entire forty years of its existence.

I have asked Deans Curtiss and Marston and others to furnish me some definite data concerning the advantages to the wealth of the State from the investigations conducted in their special fields, and have from them the following information:

Dairy Section.

The records of the United States Department of Agriculture show that the average water content of American butter is 11½ per cent. The Danish government records show that the average water content of the Danish butter is 14.54 per cent., the difference being 3 per cent. in favor of the Danish butter. It is also a well established fact that the Danish butter commands the highest price and bears the best reputation in the leading butter markets of the world. American buttermakers, therefore, have a vital interest in understanding the methods by which 3 per cent. more moisture can be incorporated in butter without a detriment to its quality and commercial value. The investigations of the Dairy Section of the Experiment Station which have been published in Bulletin No. 76 show conclusively that this result can be attained, and the methods of accomplishing this have been demonstrated and published in the bulletin referred to. The application of these methods by the creameries of Iowa would amount to an increased value of about \$840,000 per year on the butter products of the state. These methods are practical and that the results are easily within the reach of the buttermakers of the state is evidenced by the fact that many of the best creameries are already profiting by the results of these investigations.

The Dairy Section has also published two other bulletins that have proven of great practical value and of immediate benefit to the butter manufacturers of the state. Bulletin No. 71 deals with undesirable flavors transmitted to butter through wash water and methods of overcoming the same. Bulletin No. 80 gives the results of what has been termed "The Iowa Educational Butter Contest." In this last test fifty-two creameries of Iowa furnished tubs of butter once a month for critical scoring and chemical analyses at the Dairy Department of this institution. Following this the butter was forwarded to New York for further examination and criticism,

the results reported to the manufacturers, and the methods employed by these manufacturers were carefully considered and criticised. The result of this test has been to widely extend intelligent information as to the best methods of buttermaking in Iowa, and a consequent improvement of the product has resulted. Investigations of this kind are just now more timely and more important than at any previous time on account of the recent changes that have taken place in the dairy conditions prevailing in this state. These changes are primarily due to the introduction of the farm separator by which the milk is separated on the farm where it is produced and then delivered to large city plants or local factories. It is much more difficult to make butter of a uniform degree of excellence under this plan than under the former method of gathering the milk while fresh and sweet in each locality, separating it all under uniform conditions at the creamery, and returning the separated milk to the patrons. The economical advantage of the farm separator are such, however, that this system is destined to be permanent and it is incumbent upon the butter-makers of the state to overcome the adverse conditions.

Animal Husbandry Section.

The results of the stock feeding experiments conducted by the Animal Husbandry Section have been of immediate practical value to a large number of stock men of the state. Evidence that these results have been carefully studied is furnished by a large number of letters received commending the work and asking for further information about the principles of feeding. The extensive feeding experiments carried on at the Brookmont farms at Odebolt under practical farm conditions were of immediate practical value and help to settle some important questions relating to the principles of feeding under farm conditions in Iowa. The feeding investigations conducted at the Iowa Station have been particularly useful in establishing the value of various by-products used in supplementing corn rations. Some of these products were until recently considered practically worthless. It is not long since the by-products of corn, starch and glucose factories in Chicago were enjoined by the state authorities on account of the nuisance caused by throwing the waste products into the Chicago river. These products which were at that time thrown away now are used extensively throughout the agricultural states of America and largely exported to foreign feeders. The utilization of these products makes the corn crop of America more valuable and returns to the land where the by-products were used the richest and most valuable part of the grain which serves the double purpose of feeding live stock and enriching the soil.

The work of the Animal Husbandry Section of the Iowa Station has also been particularly valuable in demonstrating the feeding capacity, the utility and value of numerous different types for beef production. These investigations have not stopped with the feeding tests but have been carried to an ultimate conclusion by block demon-

strations and the careful study of the carcasses. In one feeding experiment in which the Station had the co-operation of the United States Department of Agriculture several thousand chemical analyses were made of the carcasses of hogs. These and other investigations have clearly revealed the importance of the right type in animals to be finished for the highest excellence in meat production.

In addition to this the instruction and demonstration work of the Animal Husbandry Department during our winter short course and at the farmer's institutes have been the means of placing before the stock men of the state the best methods of breeding, selection and improvement of the live stock of the state. This work has proven to be very popular and has reached every county of the state. In addition we have had enrolled in the department students from over half the states in the Union.

Agronomy Section.

The investigations of the Agronomy Section in the selection and improvement of seed corn with a view to increasing the quality and yield of the corn crop of this state have been of incalculable value.

The investigations of the Soil Section though perhaps less extensive have been of immediate practical benefit. The study of soil has been much appreciated and is highly prized by the most intelligent farmers of the state who are interested in conserving the fertility and productive capacity of their farms. In many sections certain types of the soil, exceedingly rich in some of the constituents of fertility, have been unproductive on account of the lack of understanding of the proper method of treatment. By following the directions given by the Soil Section of the Station the peat and swamp land soils have been made productive and yielded immediate returns to the value of \$25 to \$40 per acre. The same improvement has been true to a lesser degree of other types of soil in the state.

We are informed that there are about five million acres in Iowa which are too wet to produce paying crops. This fact alone is sufficient to show the immense importance of scientific attention to the drainage laws. Professor Stevenson estimates that the work already done on behalf of improved drainage conditions has been at least worth one dollar per acre for the five million acres which are partially or wholly unproductive. Already the Soil Section has made a survey of the entire State, has mapped all of the principal soil areas, and has published in bulletin form, facts regarding the origin, formation and fertility requirements of these soil areas. Special attention is also being given, with excellent results, to the alkali and peat soils; also to the gumbo soils, which are difficult to cultivate and which demand special treatment.

Experimental soil stations are being established on the poorest

soils of the State. It is estimated that these soil investigations were worth in actual results to the State last year not less than \$160,000, with an expenditure for this branch of the work of exactly \$800.00.

Civil Engineering Section.

The Civil Engineering Section has taken up many tests of the materials of construction for cities, corporations, and citizens of Iowa. It is constantly carrying on important investigations of sewage disposal in Iowa, in the course of which annual examinations of all plants in the state are made. Its experimental work in this line includes small sewage plants for private houses, and the disposal of creamery wastes. The water works of the state are being studied and questions relating to paving. Railway problems in Iowa are also receiving attention. Bulletins already issued include seven on sewage disposal, two on tests of brick, one on dredging methods, and one on cement (now about ready for the press.)

Mechanical Engineering Section.

The Mechanical Engineering Section has been studying the coals of Iowa and the best methods of using them for fuel. One bulletin on this subject has been issued which has attracted much favorable attention, and another is about ready for the press. The section is also studying Iowa power plants and shop methods in our state.

Electrical Engineering Section.

The Electrical Engineering Section has been giving special attention to electric lamps as sold and used in Iowa, and has established a testing station to which many lamps are being sent for testing to see whether they meet the manufacturers claims.

Mining Engineering Section.

The Mining Engineering Section has been assisting in the investigations of Iowa coals, and has been giving especial attention to the clays, limes, and other mineral products and possibilities in Iowa.

COURSE IN ARCHITECTURE.

I desire most heartily to approve the suggestion received from Professor Marston, concerning a matter which has already been referred to in my reports to the Board, namely: the advisability of establishing a course in Architecture in connection with our Engineering School. Professor Marston is convinced that at present we would need, to inaugurate such a department, but one new associate professor. The foundation for a course in architecture already exists in our engineering courses. There is no school of architecture, so far as I am aware, west of the Mississippi. There is an increasing demand for this kind of

instruction and an increasing number of inquiries for such a course. More and more the services of architects are being appreciated and demanded by the public in connection with building operations. Such a course is directly in line with the purposes of this institution and within the scope of the law founding it, and should be undertaken as soon as it is possible to make provision for it.

COURSE IN CHEMICAL ENGINEERING.

The time has come when a course should be established in Chemical Engineering. If a technical chemist could be provided for the Engineering Experiment Station, he might also give part of his time to the development of a course in Chemical Engineering. Foreign visitors to this country and to this institution, particularly those from Germany, have been profoundly impressed with the yet undeveloped sources of wealth in our State. That very great advance should be made in utilizing the waste products, is very evident. A German scientist recently visiting us, called attention to the evident value of the fiber of the corn stalk.

STATE SUPPORT.

The generous recognition and support which the people of Iowa have given her educational work is distinctly appreciated by the State College and Stations. A double investment is here being made; on the one hand in the education of her future citizens for greater happiness, industrial efficiency, political capacity, and spiritual character; and on the other in results of scientific experimentation. While it is obvious that both forms of investment bring large returns in honorable credit to the State and in increased wealth and industrial interest as well as in a distinctly higher citizenship, it is no less creditable to the State's representatives that they have seen this by faith and have seriously, earnestly and generously supported the educational ideals for which the State College stands and have helped them thus far toward realization.

The future of this institution is absolutely dependent upon the wise and generous support of the people's representatives, and the foster-care of the State, we are assured, will never be withheld. In the honorable rivalry between enterprising western commonwealths in their educational work, Iowa holds a creditable place. President Angell of Michigan recently said in addressing a representative body of educators, "If this Middle West has any controlling passion it is the passion for education." In this noble passion, Iowa shares not unworthily with her sister commonwealths of the Middle West.

As substantial evidence of this, Iowa may point to the State supplementary support now given to the Agricultural Experiment Station and to the endowment income of the College, the establishment of the Engineering Experiment Station, and to the substantial and commodious buildings being erected for the educational and for the experimental work carried on by the College and the Experiment Stations, and, best of all, to the increasing number of her brightest and strongest young men and women whom she confides to the State College for their education. The most valuable return the College can make to the State will always be in the discipline for life, the endowment of power, the inspiration to high ideals, which she gives to the youths that throng her beautiful campus, not more beautiful, we trust, in landscape and architecture than in spiritual and cultural ideals.

NEEDS OF THE COLLEGE.

COLLEGE CAMPUS.

All visitors to the College campus comment upon its spacious extent and its pleasing landscape features. It should be remembered that before being touched by the hand of man, it lay a somewhat uninteresting and uninviting treeless, rolling prairie. It has been made one of the most beautiful of college campuses by the oversight and taste and earnest labors of its first President and his co-workers and their successors.

The time has come when further extensive improvements must be made or the campus will deteriorate and lose its beauty. There are now one hundred seventeen varieties of trees upon the campus. All of these were planted in an early day and many of them are dying each year. There should be annual plantings, carefully selected and cared for.

The many students thronging the campus and the large force of instructors now needed and other assistants, make it imperative that at the earliest possible moment sidewalks should be constructed where there are now only muddy paths. The College is lamentably deficient in this respect.

Quite extensive grading must also be undertaken, some of the smaller buildings removed to give proper setting to the large buildings erected, and adequate plans followed out for the future development of the campus.

The development of the College has been such as to necessitate the early removal of the athletic grounds from their present location

near Engineering Hall to the southwest corner of the campus. Quite extensive grading will be necessary to put the grounds in shape.

The College Cemetery, where rest the remains of President Welch, President Beardshear and other honored workers at the College in its past history, has been discredibly neglected. It should be fenced, an appropriate entrance constructed and provision made for its care. The driveway through the College park in which the cemetery lies, should also be completed.

At present owing to the fact that the College campus is not fenced, the College drives are made public highways for all kinds of traffic, often littering the campus with hay, straw and produce, and damaging the College drives by heavy teaming. There should be adequate fencing with gate entrances and gates that can be closed and the public traffic turned aside from the campus.

Extensive grading will be necessary to complete the improvements around the new Dairy Building and to fill an old pond, which now mars the landscape, at the east end of the campus. The plantings and grading should now soon be continued east of the present campus line to make possible the erection of more college buildings in that locality.

I have the following report and estimates from the Committee on Public Grounds:

Cement Walks.

At present the campus is very inadequately supplied with sidewalks. The distance is considerable between many of the buildings and there is a very serious need of accommodations of this kind. In fact, over the entire campus there is but one stretch of good cement walk, and that is between the Library and the Farm House Motor Station.

Walks are badly needed between Engineering Hall and the Chemistry Building; between Engineering Hall and the New Central Building, between the new Central Building and Chemistry Building, and from the main south entrance gate to the new Central Building. It will require about one and one quarter miles of cement walks to provide reasonable accommodations in this regard, and that will cost about \$3,500.

Bridges.

The two bridges on the main drives over the college creek are in a bad state of repair and will have to be replaced at an early date. Professor Marston has designed a concrete bridge with accommodations for foot passengers and wagon traffic and estimates the cost of these two bridges at \$3,000.

Grading.

At the present time, the grade to the northeast of Central Building falls toward the building and will have to be corrected to carry the water from the building and give it a proper setting. South of the Central Building, and also toward the Southeast corner, the grade is very abrupt and will require considerable filling in to give the building a satisfactory appearance.

In this connection, the Public Grounds Committee recommends the removal of the old Office Building and Emergency Hall. Definite steps should be taken to clear away both these buildings as it will not be possible to complete the grading satisfactorily with them standing where they are. The estimated cost of grading around the Central and Dairy Buildings is \$1,500.

Removal of the Athletic Field.

At the present time the Athletic Field immediately joins Engineering Hall on the north and the proper grading and planting about Engineering Hall will necessitate the removal of the Athletic Field. The Public Grounds Committee would recommend removal of the Athletic Field from its present location and its re-location on the west half of the grounds occupied by the old Russian orchard and the field between this tract and the street on the west.

Landscape Work.

A large part of the trees on the campus consist of soft maple and Scotch pines. Both of these are quick growers but very short lived trees, and are now rapidly dying out. A definite appropriation should be made for replanting. The border plantation on the old west lines of the campus just back of the Library Building and west of the Faculty Club House is also rapidly dying out. In the erection of new Engineering Hall the boundary of the campus has been extended considerably beyond this, and a new border plantation should be established on the line west of Engineering Hall. The erection of these new buildings has also enlarged the area of the campus considerably and the maintenance funds should be increased proportionately.

In grading about the Central Building and the Dairy Building, the drives will have to be reconstructed, also the curbing and gutters provided.

For the general landscape work of the campus, including planting, care of the lawn and roads, the committee would recommend an appropriation of \$2,500.

REPAIRS AND IMPROVEMENTS.

Two years ago the College authorities asked that the Repair and Improvement Fund be increased from \$18,500 to \$30,000 annually. An increase was made to \$23,500. This, while affording some slight

relief, is quite inadequate. The estimated value of the College buildings, including the new Central Building, as they now stand is \$1,115,375. Thirty thousand dollars would be a small estimate of the amount necessary for repairs and improvements annually. It must be borne in mind that the College has no building fund except that which is directly appropriated for this specific purpose and large building operations, leaving all of the minor buildings and improvements, together with repairs, to be provided for from the Repair and Improvement Fund. This fund has been so inadequate as to make it necessary to leave extremely important matters unattended to, such as the painting of the metal work and the wood work on Margaret Hall, which now looks very shabby. Similar repairs are needed on Morrill Hall and Agricultural Hall, practically leaving no fund whatever for the construction of sidewalks, drains, and the doing of necessary grading.

The College authorities respectfully ask of the Thirty-first General Assembly that the annual fund for repairs and improvements be made \$30,000 instead of the present amount.

EQUIPMENT.

..

Owing to the fact that the expense of running, lighting and heating these buildings, has drawn so heavily upon the College Support Fund, the increase being as stated above, no tax at all upon this fund in 1900 to an estimated expense upon the Support Fund of \$26,000 to \$28,000 for the year 1906-7, there has been extremely meagre provision for the largely increased expenses and work of the institution in instructional lines. The laboratory equipment has suffered most. The departments have been getting along with equipment that has been scarcely adequate for an enrollment of students one-half the number we now have.

Anticipating the impossibility of eking out from the Support Fund a sufficient amount of money to furnish the equipment needed, it seems best to ask the legislature to make a definite appropriation for equipment during the next biennial period. The estimated amount, carefully made out in consultation with the heads of departments, for the equipment needed now, in addition to what we already have, is \$100,000.

This would enable the College to furnish the needed equipment for the expanding work in the Divisions of Agriculture, of Engineering and of General Science and of Veterinary Medicine. Special provision for equipment is the more imperatively needed at this juncture for the reason that the new dairy farm must be put into operation and the poultry department entirely equipped, as the small appropriation of

\$500 already made will scarcely build a respectable chicken house, and because the importance of this industry demands particular attention at this time. Moreover, the rapidly growing Engineering School has had no substantial addition to its equipment for a number of years, and, as stated in the body the report, is sadly in arrears. With a special appropriation of the amount named, \$100,000, these needs could be met, the laboratories in all departments thoroughly well provided with apparatus for research and instruction work.

Detailed items of this equipment will be submitted to the proper committees of the legislature for their consideration.

Even with this relief in the matter of equipment the College would still be no better off in providing for the current expenses of the departments and for instructional force, than it now is. It will be imperative for us, if we are to continue our work, to have substantial assistance in our support fund for this purpose.

It is literally true in matter of salaries alone that almost every man we have, who is doing work of marked efficiency, is remaining at the College at a distinct, personal sacrifice, having been offered and in some instances again and again, an increase of salary elsewhere. Mr. Geo. W. Catt, recently said when visiting the College, your graduates in our employ, the Atlantic, Gulf & Pacific Company, are receiving salaries, some \$5,000 and some \$3,000, their salaries being graded according to their abilities. The inquiry at once arises as to what grade of men we should expect to keep in the instructional force of the institution adequately to teach and prepare these students for such positions and work. The graduates of the College thus far have had no difficulty in securing lucrative and responsible positions. But the time is coming when we must recognize the necessity of more generous compensation for thoroughly efficient professional instructors if we shall hope to maintain high standards of work at the College.

I have in my possession, definite information as to the substantial correctness of above statements concerning the personal sacrifice which our most efficient workers are making in remaining with the College. From Dean Curtiss, I have the following:

In compliance with your request for information concerning specific instances in which members of the faculty of the Division of Agriculture have remained with the college at a personal sacrifice, or accepted other positions at considerable advance in salary, I submit the following:

Horticultural Department.

In July of the present year, Mr. M. L. Merritt resigned his position in the Horticultural Department to accept a position with the

United States Department of Agriculture at a salary of \$1,400 per year. His salary here was \$600.

In September of the present year Professor A. T. Erwin was tendered a position as Professor of Horticulture in the Oregon Agricultural College and Horticulturist in the Oregon Experiment Station at a salary of \$1,800. His present salary here is \$1,500.

Mr. Erdman, the gardner, has in hand a proposition from a commercial firm at an advance of \$300 over his present salary, which is \$700.

Dairy Department.

Mr. C. Larsen has recently been asked to consider a proposition from the Hazelwood Creamery Company, formerly of Sioux City, now of Portland, Oregon, at a salary of \$1,800 per year. Mr. Larsen's present salary is \$1,300.

Secretary Wilson has recently stated that he could pay Dr. Bouska \$1,800 to \$2,000 per year for his services in the United States Department of Agriculture.

About five years ago Professor McKay was asked to consider a position as head of the Dairy Department of the Missouri University at a salary of \$2,500 per year with prospects of the salary going to \$3,000. When Professor McKay declined to consider this position, his assistant, Professor Eckles, who was then a member of our faculty, was tendered the position and accepted. Professor McKay has since declined to consider propositions to go into commercial work in New York at a salary of \$3,500 per year.

Animal Husbandry Department.

Three years ago Professor Kennedy was elected to the position as Director of the Experiment Station and Professor of Animal Husbandry in the South Dakota Agricultural College at a salary of \$2,500, to be advanced to \$3,000 the second year. Professor Kennedy has since declined to consider a proposition to take charge of the editorial work of the Northwestern Farmer on a five year contract at a salary commencing at \$4,000 and to be advanced to \$5,000 during the period. A proposition similar to this has recently come from the Twentieth Century Farmer of Omaha, Nebraska.

Professor Rutherford has, during the past summer declined the position of Professor of Animal Husbandry of the Colorado Agricultural College and also the position of Professor of Agriculture in the Manitoba Agricultural College at a salary of \$2,000 to be advanced to \$2,500 within three or four years. Professor Rutherford's salary is \$1,800 per year.

Professor Dinsmore declined an offer a year and a half ago of \$1,200 to take the position as Expert in Animal Husbandry in the United States Department of Agriculture when his salary here was \$800, and within the past year he has declined to consider a position with a live stock commission firm of Chicago at a salary of \$1,800 to

\$2,000 per year, when his salary in this institution was only \$1,000.

Mr. Robbins whose present salary here is \$60 per month has recently declined two positions in other educational institutions at \$1,000 and \$1,200 per year.

Botanical Department

In January, 1904, Mr. Buchanan was offered a position in the Geneva, N. Y., Experiment Station at a salary of \$800 the first year to be increased to \$1,200 the second year. His present salary in this institution is \$700. Mr. Buchanan has also recently received offers from the North Dakota Agricultural College and the Oklahoma, Ontario and Florida Agricultural Colleges, all of them carrying salaries considerably in advance of his present position.

Dean Marston reports:

I also recommend some material increases of salary in the cases of some of our present and approved members of our faculty, who are now staying with us at a sacrifice. Professor French, for example, was offered \$1,800 elsewhere and receives only \$1,400, while Professor Ashbaugh could doubtless take \$1,800 at outside work and receives only \$1,600 here, and both these men hold written assurances of probable increases which were not granted for lack of funds.

In fact, the outside opportunities for engineers are so numerous and so remunerative that I have no doubt the larger part of our Engineering Faculty could command larger salaries at outside work than we are paying them. They are staying with us because they prefer the work and are loyal to the college. We should do better by them.

As is well known to our Board of Trustees, Dean Marston at the earnest request of the college authorities refused a most flattering offer, made him by the University of Wisconsin, involving a compensation amounting to \$3,500 per year to remain with us and to take charge as Dean of the School of Engineering at a salary considerably less.

A most excellent spirit prevails, a spirit of loyalty and optimism concerning the future of the institution and a great love for its work. A niggardly policy would be fatal; it would be easy for us to allow the work of the institution to fall to a grade of mediocrity and for the College, relatively, to lose its standing and prestige. To maintain both and to be worthy of both and to hold the leadership we now have, is easily possible, also, with fairly adequate provision from the State, but otherwise it cannot be done.

A brief reference to Dean Marston's report concerning the number of students in the engineering departments and the increase of students per instructor, makes it evident that some radical advance must soon be made in the number of instructors in these departments or

our work must be crippled and deteriorate. The number of students per instructor in 1894 was 18; in 1904-05 it was 30.

The College authorities unite in asking an increase in the annual Support Fund of \$50,000. This would be placing the Support Fund at the exact figure asked two years ago.

BUILDINGS.

LIBRARY.

Attention was called in the last biennial report to the altogether inadequate accommodations furnished for students in our present library building, Morrill Hall, and also to the crowded condition of the stack rooms for books. The situation is becoming deplorable. The building is frail and liable to destruction by fire, endangering the valuable library kept there. It is very frequently the case that twenty-five to fifty students must stand at the windows for lack of chairs and tables for the use of books. In the developing work of the institution and its increasing scientific thoroughness, reference books are more and more in use. The book withdrawals in spite of the increased number being assigned to small reading rooms in the various buildings, has gone up within the last two years from 28,000 volumes per annum to 56,460.

A new library building is among our most imperative needs. It should be of the same substantial character as the more recent buildings erected, probably of Bedford stone, of a uniform type of architecture with the new main hall, Engineering Hall and the proposed Hall of Agriculture. It would be folly to make provision for a library of less size than from 100,000 to 150,000 volumes. In the growth of the institution and the character of its work, this capacity will ultimately be required. We should avoid the mistake that has been made in so many instances of providing too small a reading room. It should be made to accommodate at one time several hundred students.

The library building should also contain an art room where such gifts or acquisitions as the College may obtain, illustrating the history of art and architecture, may be preserved and used. There should also be provision for seminar rooms and a small assembly room.

WOMAN'S HALL.

Margaret Hall, admirably meeting its purpose as a woman's dormitory, furnishes only about one-half the accommodations needed. It is very difficult at this institution for young women to obtain suit-

able rooms and boarding places outside the campus. Very many who desire to come to the College do not do so when they find it impossible to obtain rooms in Margaret Hall. It is one of the duties the State owes to its young women to make provision for these young women at the earliest possible moment.

A woman's building should be erected with a dormitory capacity equal to that of Margaret Hall, and also sufficient to provide space for a woman's gymnasium and a woman's dining room, where the girls' clubs can be accommodated. There should also in connection with the woman's building, be a small assembly hall, seating from two to three hundred. There should also be in this building, or in some other, rooms for the women's literary societies.

GYMNASIUM.

A gymnasium and equipment are recognized by all educational institutions as not only extremely desirable but as essential to the well-being of the students. Very many young men and women, coming to the College, leave an active outdoor life for the study and recitation rooms, and the laboratories, and are likely to suffer seriously in health unless attractive quarters can be furnished for physical culture and reasonable requirements be made and competent oversight given.

The State College has no provision whatever aside from a small women's gymnasium, except a training shed which the students themselves built last year. A gymnasium suitable to our needs should be not less than 100x150 feet in dimension, two stories high, with balcony and main floor.

AUDITORIUM.

Our largest room is the chapel in Morrill Hall, seating less than six hundred. This accommodates less than one-half of our present student body. A large tent has to be erected on the campus for commencement and other exercises. At other season when this is impossible, no assembly of the study body, much less of a larger number, is possible. The unity and sympathetic co-operation of the different divisions of the institution aside from the moral ends to be served by bringing the college people together, makes it very desirable that an auditorium be erected as soon as it can be made possible to do so. Such an auditorium should be made to seat two thousand people.

VETERINARY BUILDING.

The Veterinary School has become thoroughly well established. Its work is of a high character and its graduates obtain immediate professional recognition. Many of them have gone direct from the

College to the employ of the Government, particularly in the inspection of meats and in other responsible positions.

The housing and equipment of this Department is extremely unsatisfactory. A new building furnishing hospital facilities, laboratories and lecture rooms, and office accommodations, together with very much fuller equipment is necessary. The plans and specifications for such a building have been drawn in outline with the assistance of Architects Proudfoot & Bird.

HOSPITAL.

The present College hospital, always more or less in demand, and particularly important here where no city hospital is accessible, was constructed for a summer building and has never been quite comfortable or safe in severe weather. It is also too small and often overcrowded. It is also often commented upon by visitors that the College has made better provision for its cattle and sheep than it has for its students that are ill.

ENGINEERING SHOPS.

Our most serious deficiencies in engineering equipment (though we need more class rooms and offices) are in our engineering laboratory and shop facilities. While we have been building and filling with students to overflowing our fine new Engineering Hall, our laboratory and shop space and equipment and instrumental equipment have almost stood still. Fortunately the cost of the kind of buildings needed is comparatively low.

We ask appropriations for laboratory and shop buildings as follows:

50-foot x 200-foot 2-story building north of carpenter shop, to contain machine shop, new Mining Laboratory, and six class rooms, probably	\$30,000
To remodel Old Engineering Hall for Hydraulic and Materials of Construction Laboratory, probably	10,000
For new forge shop, probably	5,000
For new railway laboratory, probably	5,000

ABATTOIR.

Among our needs for additional buildings one of the most urgent is that of a building to be used as an Animal Husbandry laboratory. A building of this kind would serve a most useful purpose in connection with both the instruction and the research work of the College and Experiment Station. The slaughter and block tests are highly essential

to supplement the work of the breeding and feeding experiments and demonstrations and without the lessons of the slaughter and block tests the most instructive feature of the work is lost. The subject of feeding and breeding domestic animals could be much more intelligently taught if we were able to carry all of our investigations to their ultimate conclusion reached by a study of the finished product on the block. Some of the agricultural colleges in surrounding states are much better equipped in this respect than we are and there is a growing demand for this kind of work. The Iowa Corn Belt Meat Producers' Association passed resolutions during the last session of the legislature that an appropriation be made for the erection of a building of this character. This measure was not passed at that time as the movement on the part of the Corn Belt Meat Producers' Association did not take place until during the latter part of the session of the legislature. There is a strong feeling on the part of the live stock interests that the College ought to make provision for this work. A building to serve this purpose should be of brick or stone and of fire proof construction, with enameled brick finish for the interior of most of the rooms; and in addition to ample facilities for slaughter and block demonstrations it should contain ample refrigeration space and an amphiheater with a seating capacity of not less than five hundred for the accommodation of our short course classes and other large classes in making demonstration work. To erect and furnish a suitable building for this work would cost not less than \$50,000, and the expense of equipment needed would be about \$15,000, making a total of \$65,000.

NEW HALL OF AGRICULTURE.

Plans and specifications are being prepared and bids will be advertised for before the meeting of the Assembly, for the proposed new Hall of Agriculture. The millage tax now running for a period of five years, it is estimated, will yield, after the completion of the new Mail Building, sufficient to partially construct the Hall of Agriculture. The growth of our work, particularly the extension of the laboratories, necessitates the erection of a new Hall of Agriculture at the earliest hour possible. The present old Agricultural Hall will soon be needed by the Department of Agricultural Engineering, its offices, drafting and lecture rooms. A thorough explanation of the needs for and uses to which the new Hall will be put will be found in Dean Curtiss' report.

I desire to emphasize here particularly the need of an assembly room for the Agricultural Division. It is proposed for this purpose to

construct in one wing of the building a hall with balcony with seating capacity of upwards to 800 or 900.

The Domestic Science Department is also in sore need of larger quarters and more convenient ones, and the present plan is to devote the upper story of the new Hall of Agriculture, to be made easily accessible by elevators, to this Department. At present the Domestic Science Department is scattered, having one laboratory in the attic of the old Hall of Agriculture and another in the rear of Margaret Hall in an old, cold, dilapidated, dark and inaccessible building. This extremely necessary and important work deserves and should have such accommodations as are proposed in the new building, as soon as they can be furnished.

CENTRAL HEATING PLANT.

As already indicated in another paragraph, the central heating plant appropriation has been found inadequate for any structure that could be built. The Board has, therefore, authorized the construction of tunnels, reaching from the present heating plant, adjacent to Engineering Hall, to connect with the new main building, Morrill Hall and East and West Cottages. These tunnels can be used later to convey heat from the central plant wherever it may be established.

The estimates of the cost of a central heating plant, as prepared by Professor Bissell and submitted in the last biennial report are herewith repeated and with the greater assurance of their substantial correctness as the bids submitted at two successive times were approximately in harmony with this estimate. It is quite clear that the construction of such a plant cannot be made possible with a less amount than therein estimated. The appropriation made by the last General Assembly can be deducted from this estimate with the exception that some loss will be incurred in moving the present boilers being installed, and in the partial loss of building temporary chimneys, and so forth.

The following is the estimate and recommendations made by Professor Bissell:

The heating appropriation of the last General Assembly for a central heating plant was \$54,500 and was itemized as follows:

Power station and chimney	\$25,000
Equipment and tunnels to Central Building and Morrill Hall.	29,500
	<hr/>
	\$54,500

After a careful consideration of the matter and taking into account the available appropriation, the writer recommended a site for the power station north and west of Margaret Hall, and directly

north of the Faculty Club House. An architect was engaged to prepare detailed plans and specifications of the power station according to ideas and sketch plans furnished by the writer. Bids were twice received and were rejected because the lowest, being in the sum of \$37,200 was in excess of the appropriation. After further discussion of this fact and a further consideration of the entire project in all its bearings, it was thought best to defer the construction of the central heating plant until sufficient funds should be available to build it right. In the meantime an argument in favor of a location for the power house at the east side of the campus, gained strength, and in the writer's opinion such a site is now the only one which should be considered. The chief argument advanced for this location in my report on page 14 of the 20th Biennial Report was the possibility of gravity returns from the whole campus. Other arguments for this location are as follows:

2. Reasonable remoteness of the power station with its attendant noise and dirt from the vicinity of other important college buildings.
3. The desirability of dispensing with the handling of cars of coal across the campus.
4. The greater convenience with which sidings for coal can be provided without disfiguring the campus with the same.

Arguments 3 and 4 have peculiar force in the fact that the substitution of electric motor power for the locomotive power of the Ames & College Ry. is not a remote probability, a probability which is becoming more and more likely of being an accomplished fact. In which case the tracks, as to curves and grades across the campus, would not be adapted to handling coal cars of 80,000 to 90,000 pounds capacity. At the same time the approach of the said railway to the campus, and to the present location would be straight and of easy gradient to permit of handling the coal with locomotives as at present, and without occasioning the running of said locomotives on the campus proper, especially in proximity to the college barns which are now constantly menaced by fire from the sparks of the locomotives employed for both passenger and freight service.

It is highly probable that the use of steam locomotive for coal service would be continued even if electric traction were installed for passenger service, because the outlay for electric locomotives of sufficient capacity for heavy freight service would be too great for a road like the Ames & College Ry.

While thus abandoning the idea of trying to build the entire plant with the available appropriation, the necessity of providing heat and light and power for the main hall was a pressing one and it was decided to construct a portion of the tunnel system and to install temporarily the requisite boilers and other machinery for the purpose, having in mind their subsequent use as parts of a complete system. Accordingly a tunnel has been built and equipped from the Engineering Hall tunnel to the main hall and thence to Morrill Hall, and two boilers of aggregate capacity of 520 horse-power, with the nec-

essary auxiliaries have been erected adjacent to the old power station. This tunnel and its equipments will constitute, without change or additional expense, one section of the complete tunnel system of a central heating plant with power house at the east side of the campus.

The boilers thus temporary installed will be removed to the new power house.

The total expense thus incurred and charged to the appropriation is to date, \$21,200, divided as follows:

Tunnels, 850 feet	\$ 6,000.00
Boilers, grates and special furnaces	5,030.00
Breeching and stack; setting boilers, including foundations; induced draft fan; erecting, stack, etc.; temporary boiler and coal shed; pipe and fittings.....	5,000.00
Pipe and fittings in tunnel and wiring in tunnel.....	4,950.00
Superintendence	220.00

	\$21,200.00

Of this sum \$5,000 is for temporary installation, leaving a balance of \$16,200 expended for permanent improvements.

It should be noted that the tunnel installed, with its branches to Emergency Hall and Morrill Hall dispenses with the isolated heating plants at those points on the campus.

The tunnels, boilers and pipings will constitute a part of the final heating system. There will be some salvage on the other items but the loss resulting from the temporary construction will approximate \$5,000. Taking this from the appropriation of \$54,500, there remains \$49,500, which can be considered as available for meeting the cost of a permanent plant.

The following gives the additional appropriation needed to complete the work:

Estimate of cost of plant, see last biennial report, page 14.	\$125,000.00
Additional cost, caused by change of location	10,000.00
Total.....	\$135,000.00
Deducting the amount of last appropriation available	49,500.00
Leaves an additional appropriation needed of	\$ 85,500.00

The Public Grounds Committee of the Faculty heartily approves the location of the Central Heating Plant according to Professor Bissell's recommendation.

FACULTY CLUB HOUSE.

The long distance from the College buildings to rooming and boarding houses outside of the campus as well as their crowded condition, makes it almost imperative that some accommodations be furnished for the sub-faculty and assistants near the main buildings of the

campus. This is particularly the case with such as have class room work or laboratory work at the last hour of the forenoon and the first hour of the afternoon. The old Horticultural Cottage has been in use for the Faculty Club for a considerable time. It is, however, becoming dilapidated and will soon have to be abandoned, and will probably need to be moved, also, to make room for new buildings.

A Faculty Club house should furnish accommodations for a dining room and kitchen and also large parlors for social gatherings. It may also be made to accommodate a number of faculty people who have no homes, with rooms, and this, from the College standpoint, would be very desirable in increased efficiency if our people can be comfortably located with reference to their College work.

DIRECTOR'S HOUSE.

The proposed site for the new Hall of Agriculture will necessitate the removal of the present director's house, one of the oldest buildings on the campus. This will make it necessary to construct a new house for the director of the Experiment Station and the Dean of Agriculture. Such a house should become one of the permanent buildings of the institution and be appropriate in size and accommodation for that purpose and such residence.

NECESSITY FOR FAR-REACHING BUILDING PLANS.

It will readily be seen that to avoid the mistakes so frequently made in developing institutions like the State College, in having buildings improperly placed and various inharmonious types of architecture, we need to have some harmonious plan of placing the buildings, types of architecture and development of the grounds. This was the point sought by procuring the assistance of Mr. O. C. Simonds, landscape architect. The plans submitted, however, are somewhat incomplete and it will be highly expedient to re-employ Mr. Simonds for further service, or to employ someone else to avoid making serious mistakes in the future. It is also highly expedient to follow some systematic plan in regard to the types of architecture. This has been done and under the supervision and direction of Proudfoot & Bird very satisfactory results are being obtained. This would have been impossible under the old method of being provided for meagerly from one session of the legislature to another. The millage tax, running for a period of years has made possible the results already obtained and in immediate prospect, and some such adequate provision should be continued into the future, that the Board of Trustees may know what their resources are to be and plan accordingly.

The College authorities unite in asking an extension of the one-fifth of a mill tax for a period of five years beyond the time of its expiration under the present act and for the building projects as outlined above.

STATE HIGHWAY COMMISSION.

The policy of making the College a State Highway Commission for the investigation of the general subject of good roads, has, we believe, proven a wise measure. The problem, being essentially one of engineering and agriculture, it would seem eminently appropriate that the men having charge of this division of the work at the College should constitute such a commission. Considering the meager appropriation made for this work, we believe the results are very creditable indeed. For the most part, of course, they are tentative and preliminary. While such an appropriation and such a commission is of no financial advantage, or otherwise to the College, except indirectly, the College authorities are nevertheless, very glad to be able to render this service to the State. Ultimately the State must be prepared to adopt some comprehensive and adequate plan and to make adequate provision for the construction of substantial roadways throughout the State. Unless civilization itself is stayed, this feature of progress must soon receive serious attention and support.

Respectfully submitted,

ALBERT B. STORMS,
President.

Summary of Bulletins
of the
Experiment Station,

July 1, 1903, to June 30, 1905.

SUMMARY OF BULLETINS OF THE EXPERIMENT STATION.

ISSUED FROM JUNE 30, 1903, TO JUNE 30, 1905.

During the last two years a number of valuable and instructive bulletins have been issued by the Agricultural Experiment Station, bulletins thoroughly representative of the work of the different sections.

In December, 1903, there was issued by the Botanical Section a bulletin written by Professor Pammel, and entitled "Some Weeds of Iowa." A large edition of this bulletin was published, and it has been in constant demand.

In this bulletin all the better known weeds of Iowa are identified and illustrated. Their description and general distribution are given, and in most cases the means by which they may be exterminated.

These weeds are arranged in groups, according to the fields they affect—cornfields, grainfields, clover-meadows, pastures and gardens.

The clear cuts of the weeds and grasses make every species readily identified by the reader.

A popular edition of this bulletin has been published, emphasizing the salient points of the full edition, without its preciseness of detail.

In July, 1903, a bulletin—No. 71—was published by the Dairy Section of the Experiment Section, the subject being "The Keeping Quality of Butter."

The sources of deterioration in butter are given, the two chief causes of such deterioration being shown to be (1) the effect of light and air and other unfavorable environmental conditions, and (2) the effects of micro-organisms present in the butter under favorable conditions.

Different investigators are quoted as to the causes of rancidity in butter, and the general faults and defects of its manufacture are noted and explained.

A number of valuable tables, showing different phases of the questions of moisture in butter and the keeping quality of butter are given in this bulletin; an interesting chart at the end of it shows

the comparatively greater keeping quality—in 14 weeks—of butter made from Pasteurized Wash Water and Cream over that made from un-Pasteurized.

In August, 1903, the Horticultural Section issued a bulletin dealing with "Cherries and Cherry Growing in Iowa"—No. 73.

In its beginning is a map showing the approximate number of cherry trees in each different county of the State in the year 1890, and again in the year 1900.

The bulletin deals under clearly defined headings with the general problems and cultural problems associated with this fruit, and lists a large number of the different kinds of cherries which are grown in Iowa.

Bulletin 74—issued in January, 1904, by the Chemical Section—deals with the important subject of breakfast foods. This bulletin, compiled by Dr. Weems and Mr. C. E. Ellis, classifies and analyzes a number of the more common and popular foods prepared for the breakfast table.

The proportion of water, fat, protein, fiber, ash and carbohydrates in the more prominent foods is clearly demonstrated in tabular form, and the comparative cost of certain breakfast foods is given. A popular edition of this bulletin was published.

In March, 1904, the Animal Husbandry Section issued a bulletin—No. 75—on the "Feeding of Soft Corn for Beef Production." The work presented in this bulletin was conducted in co-operation with the Agronomy and Chemical Sections.

A practical feeding test was undertaken, extending over a period of six months.

In addition to this feed test samples of corn from various sections of the State, and representing varying degrees of maturity were analyzed.

The results are given in comprehensive tables. This bulletin, the writers are careful to explain, was not published with the idea of championing soft corn as a food, as mature corn would always be preferred for such purpose. But under certain conditions it is necessary that soft corn be used. It must be either fed to stock or allowed to rot in the fields. To deal with its feeding value in such cases this work was undertaken.

In March, 1904, the Dairy Section brought out a bulletin—No. 76—on "The Moisture Content of Butter and Methods of Controlling It." This has proved a very useful and successful pamphlet and is greatly in demand among the dairymen of the State. Its chief

headings are Calculation of Over-Run, Over-Run Viewed from Two Standpoints, Leaky Butter, and Conditions Influencing Moisture Content of Butter. Some good cuts of samples of butter, calling attention particularly to the size of granules, are included.

In March, 1904, Professor Holden's notable bulletin—No. 77—on "Selecting and Preparing Seed Corn" was issued by the Agronomy Section of the Station.

Perhaps no bulletin of any experiment station has attracted such wide attention, or has been so enthusiastically received by the farmers as this almost indispensable publication. The demand on all sides, both in the State and beyond it, has been steady and continuous, and last spring, when a new edition was issued, over 31,000 copies were distributed, principally through the advertising agency of the famous seed corn specials.

In this bulletin every phase of the selection and preparation of seed corn is carefully dealt with and explained, and the pages are fully illustrated with cuts appropriate to the matter.

In May, 1904, appeared No. 78, a bulletin on "Drainage Conditions in Iowa, and Notes and Tables on Drainage Engineering," written by Professor Stevenson and Mr. G. I. Christie, and issued from the Department of Soils.

Information as to soil conditions in the State was gathered from letters of inquiry addressed to 4,000 well-informed and successful farmers, and a table compiled from their answers shows the conditions of much of Iowa's farm land, with a statement of attendant profit and loss.

In September, 1904, the Animal Husbandry Section brought out bulletin No. 79, on "Experiments in Beef Production," dealing with (1) Light, Medium and Heavy Grain Rations, (2) Acclimation Test (Southern vs. Western Cattle), (3) Supplementary Feed Stuff.

Of this bulletin a popular edition was prepared, stressing the main points and results of the experiments without going into the severe detail of the full edition.

In both forms the pamphlet has proved very acceptable to the farmers of the State.

The Dairy Section followed in December, 1904, with bulletin No. 80, devoted mainly to the Report of the Iowa Educational Butter Contest. A large part of this bulletin is taken up with tables showing the double marking—in New York and at Ames—of the butter of the contestants, and giving the remarks of the judges.

It concludes with short papers on the "Methods of Calculating the

Percentage of Salt in the Water of Butter," and on "Gritty Butter," with general conclusions drawn from the foregoing.

Bulletin No. 81, from the Animal Husbandry Section, contains the details of another experiment in beef production, under headings (1) Feeding Beef vs. Dairy Type. (2) The Slaughter Test. (3) The Meat Demonstration. This is one of the fullest and most comprehensive of the recent publications of the Station, and is profusely illustrated with a number of excellent cuts.

It is of particular value as containing the expert criticism of Mr. Gosling, the noted butcher of Kansas City, on the carcasses of the cattle used in this feeding experiment. It is educative and comprehensive, and is in strong demand among the cattle feeders of the State.

Bulletin No. 82, issued by the Soil Section, and dealing with "The Principal Soil Areas of Iowa," is one of the most successful bulletins ever issued by the Station, filling a very evident want in the soil literature of the State. It contains a map of Iowa showing the divisions of the various glacial drifts and deposits, and some cuts of typical Iowa topography. This bulletin stands for something more than a mere record of Experiment Station research—it is an authority and a classic in this department of the State's agricultural work.

Report of the
Dean of the Division of Agriculture.

AMES, IOWA, November 25, 1905.

DR. A. B. STORMS, *President,*
Iowa State College.

DEAR DR. STORMS: The biennial period closing June 30, 1905, has been one of marked advancement in all lines of agricultural work in this institution. The February number of the Experiment Station Record gives the total number of agricultural students enrolled in the forty-four land grant colleges as 2904, taking the collegiate courses, and the total number enrolled in the short courses as 6,000. The Iowa State College is credited with an enrollment of 357 in the collegiate courses and nearly 700 in the short courses. This enrollment exceeded that of any other institution in the United States in both long and short courses notwithstanding the fact that the short course fell off about 100, owing to the fact that the new dairy building was not completed in time for offering the usual short course in Dairying. Our last graduating class of forty-nine, including five who received advanced degrees, was the largest class that has ever been graduated in agricultural collegiate work in any institution. It is probable, however, that this institution may lose its rank as having the largest number of agricultural students by reason of the fact that similar institutions in other states have received much more liberal support in recent years. This is particularly true of Illinois and Cornell Universities. In Illinois the last legislature appropriated \$145,000 annually, specifically for agricultural investigation and instruction, and it is reported that the number of students enrolled this year is very much in advance of that of any previous year and will probably exceed 500.

Reports of the heads of the several departments in the Division of Agriculture, presenting the condition of their work, indicate clearly the urgent need of greatly increased instruction force and equipment in all lines of agricultural work. In this connection I desire to call attention to the necessity of organizing the work of the Division of Agriculture in such a way as to more clearly distinguish between the different fields covered. We have in the Division of Agriculture four distinct departments, viz: Agronomy, Animal Husbandry, Horticulture, and Dairying, and four-year collegiate courses are offered in each. In

addition to this we have a four-year course in Science and Agriculture, designed especially to meet the wants of those who may wish to prepare for teaching agriculture in the public schools and academies. The work of each of these departments includes three general divisions. First, collegiate instruction; second, agricultural investigation and research; third, agricultural extension. The first of these divisions relates to the instruction of our college students; the second to the Experiment Station work, which is supported by the State and national appropriations; and the third to farmers' institutes, teachers' institutes, agricultural conventions, county fairs, and short course work, which we are called upon to do away from the college. While these lines are necessarily closely related, it is becoming more apparent each year, as our work expands, that the best interests of the work of the Division of Agriculture require an organization by which some of the staff shall devote their time exclusively to collegiate instruction, others exclusively to research work and others exclusively to college extension work. The heads of departments should continue to have general direction of the work in each of these lines. It has been clearly shown, however, that members of the faculty cannot do the best work or even satisfactory work in any one of these lines when their energies are largely diverted to a field which is distinct and separate. Our class instruction work has suffered severely at times by reason of the institute and outside work and the investigation work which is necessarily carried on at the same time. Likewise our Experiment Station work has suffered by reason of the encroachments of the instruction work and the college extension work. The calls for outside help have been so large that we have been utterly unable to meet them and have been obliged to decline over three hundred and fifty calls for help of this kind during the past year. Research work of a high grade of excellence necessarily requires the undivided time and attention and all of the energies and ability of the man who has it in charge. Class room instruction that is frequently interrupted by calls for work which takes the instructor away from the College is necessarily disconnected and unsatisfactory. It is impossible under our present condition to prevent the serious overlapping of these three lines of work much to the detriment of each. Some dissatisfaction has arisen by reason of our inability to meet the calls made upon our staff for outside help, and on the other hand, complaint has been made on account of the absence of instructors from their college duties in the class room and laboratory; and likewise there comes a strong demand for more extensive and thorough research work on the part of the agricultural interests of the State.

This condition can only be remedied by making adequate provision for each line of work on practically separate basis. To this end we should have an increased fund for instruction work and an increased support for Experiment Station work, and provision distinct from each for the College extension work. We can then organize our staff in such a way that the duties of the larger part of our force will not overlap, and the men working in these several lines will be able to work to better advantage and render much better service to the interests which they are serving. In order to accomplish this, we should have, in addition to the amounts needed for instruction and investigation work, an allowance of \$25,000 a year to enable us to meet the demands for outside help and to organize a College extension department.

FARM LIVE STOCK EQUIPMENT AND MAINTENANCE.

The College farm with its equipment of live stock constitutes the Animal Husbandry laboratory, and it is highly essential that this equipment be maintained upon the best possible basis in order to insure suitable instruction. The importance of strengthening the facilities for practical work in agricultural instruction has received marked emphasis within recent years, and the institutions that are doing the best work today are those that have the strongest and most complete equipment for practical and scientific laboratory work. The value of suitable demonstration material is recognized in all lines of educational work, and in no line is it more essential than in agriculture. The Michigan legislature at its last session appropriated \$20,000 for the purchase of live stock for the Michigan Agricultural College. The Illinois legislature at its last session appropriated \$25,000 annually for 1905 and 1906, for investigations in live stock to be conducted at its College of Agriculture, and in addition appropriated \$50,000 annually for instruction in agriculture, a part of which is devoted to live stock. We have a fairly good equipment of live stock on the College farm, but it is impossible to maintain it and improve its standard with the present inadequate support. I earnestly recommend that \$5,000 annually be appropriated for the purchase and maintenance of live stock on the College farm to be used for educational work. We now have about 1,000 students enrolled annually taking Animal Husbandry instruction, including those that take the short course work in January, and it is exceedingly important that our equipment in this field be maintained at a high standard. It is absolutely essential that men who are engaged in the live stock industry should have correct conceptions of the best

types of domestic animals in order that they may produce them successfully, and it is essential in teaching that we have large numbers of animals of the various breeds and types to draw upon for demonstration purposes.

EQUIPMENT OF THE DAIRY FARM.

The Thirtieth General Assembly appropriated \$32,000 for the purchase of a Dairy Farm and \$7,000 for live stock and equipment. The Board of Trustees purchased a 200-acre tract of land lying a mile south of the college. The tract is conveniently located and well suited for the purpose for which it was purchased. The land, however, was in a badly neglected condition and will necessitate considerable outlay to render it available for educational and experimental work. The farm has been tiled and fenced during the past season. The money appropriated for improvements was not available until the second year of the biennial period and it was then payable in quarterly installments, making it impossible to make all the improvements contemplated with the funds available during the present season. There are no buildings of any consequence on the farm and it will be necessary to erect buildings early next spring as soon as the season opens. The amount appropriated for equipping and stocking the farm was scaled down by the last legislature more than one-half, and an additional appropriation of \$10,000 will be needed for the completion of this work. This appropriation should be made available immediately in order that the work may be under way as early during the summer as possible.

The investigations which will be taken up on the Dairy Farm in connection with butter and cheese making experiments to be conducted in the new Dairy Building will be of great service to the agricultural and dairy interests of the State. There is at the present time an unusual interest in this subject, and it is a field that has received less attention than its importance demands.

THE COMPLETION OF THE NEW DAIRY BUILDING.

At the last session of the legislature an appropriation of \$45,000 was made for the erection of a Dairy Building and \$10,000 for equipment. The original amount asked for this purpose was \$75,000. It was found necessary to reduce the size of the building about one-fourth in order to erect it for the money available, and two rooms and the attic have been left unfinished. The building erected is one of the best of its kind in the United States. It is constructed throughout of fire-proof material with hydraulic pressed brick and Bedford stone walls,

and the interior is finished with tile and cement floors, with enamel brick wainscoting, giving it excellent sanitary conditions and durability. The building is three stories in height with basement and attic, the latter being unfinished. The class rooms and laboratories are so arranged as to afford excellent facilities for educational and research work. The Dairy Division of the United States Department of Agriculture has entered into a co-operative experiment to extend over a period of five years, which will be the most extensive investigation of the kind that has yet been undertaken in this country. By this arrangement the Department of Agriculture bears one-half the expense of the investigation and assigns two dairy experts to the work, whose salaries are paid by the Department of Agriculture. The building will be taxed to its utmost capacity to accommodate the short course class which will be in attendance during the coming winter, and it is probable that our lecture and laboratory rooms will be found inadequate.

POULTRY DEPARTMENT.

Poultry raising and egg production in Iowa may be considered as comparatively unimportant, but it ranks among the leading industries of the State. The poultry and poultry products of the State, according to the last census, amounted to \$19,508,526 in 1899. Iowa leads all the states of the Union in egg production, with 99,000,000 dozen worth over \$10,000,000. The poultry and egg production of the United States in 1899 amounted to over \$281,000,000. The value of the poultry and egg products of the United States in 1899 was greater than the combined gold and silver output of the United States during any year since 1850, with one exception. The poultry and egg products of 1899 exceeded in value the wheat crop of twenty-eight states of the Union, and even the boasted wheat crop of Kansas in 1899, the year of the last census enumeration, could have been purchased by the poultry and egg products of Iowa with a balance of over \$300,000 left for nest eggs. The possibilities of improvement in the economy of poultry production and excellence of product are not yet realized. There is one firm in this State conducting an extensive business in fattening poultry, feeding from 50,000 to 60,000 chickens per month the year round. Within the past few years the process of utilizing buttermilk and other by-products of creameries for fattening chickens has received considerable attention. As high as fifty cents a hundred for buttermilk has been realized when the product has been utilized in this way by the most approved methods, and the chickens fattened by this process produce a quality of meat that cannot be

surpassed, a product that commands the highest price on the market. This work is yet in its experimental stage, only a few having succeeded, and the approved methods are not generally known. Some of the largest creameries in the United States are running their buttermilk out through the sewer. The utilization of the by-products of the creameries of the State for poultry feeding would result in the saving of millions of dollars. The last legislature appropriated \$500 for poultry work at Ames. An industry of this magnitude, which directly concerns every family living on a farm in Iowa and a large part of those living in the cities, should receive adequate attention at the Iowa State College. To properly establish and equip a poultry department at Ames, we should have an appropriation of \$10,000 annually for the next biennial period. This would be equivalent to less than one egg per thousand of the annual product of the State.

ADDITIONAL LAND NEEDED.

As the work of the Division of Agriculture develops and expands we find an increasing need for more land. This has been the experience of all educational institutions having departments of agriculture. Some institutions in other states have been forced to buy land as high as \$500 per acre within the past few years. This same land could have been bought earlier in the history of the college at a nominal price. We are in need of additional land here at this time for the extension of our Animal Husbandry and Agronomy work and for Horticulture and Forestry. The original College farm comprises 840 acres, including public grounds, orchard and park, amounting to about 160 acres. The balance is cut by the main line of the Northwestern Road and the Ames & College Railway, and Squaw Creek flows through it diagonally from one corner to the other, and considerable of the land adjoining this stream is rough and woody and suited only for pasture.

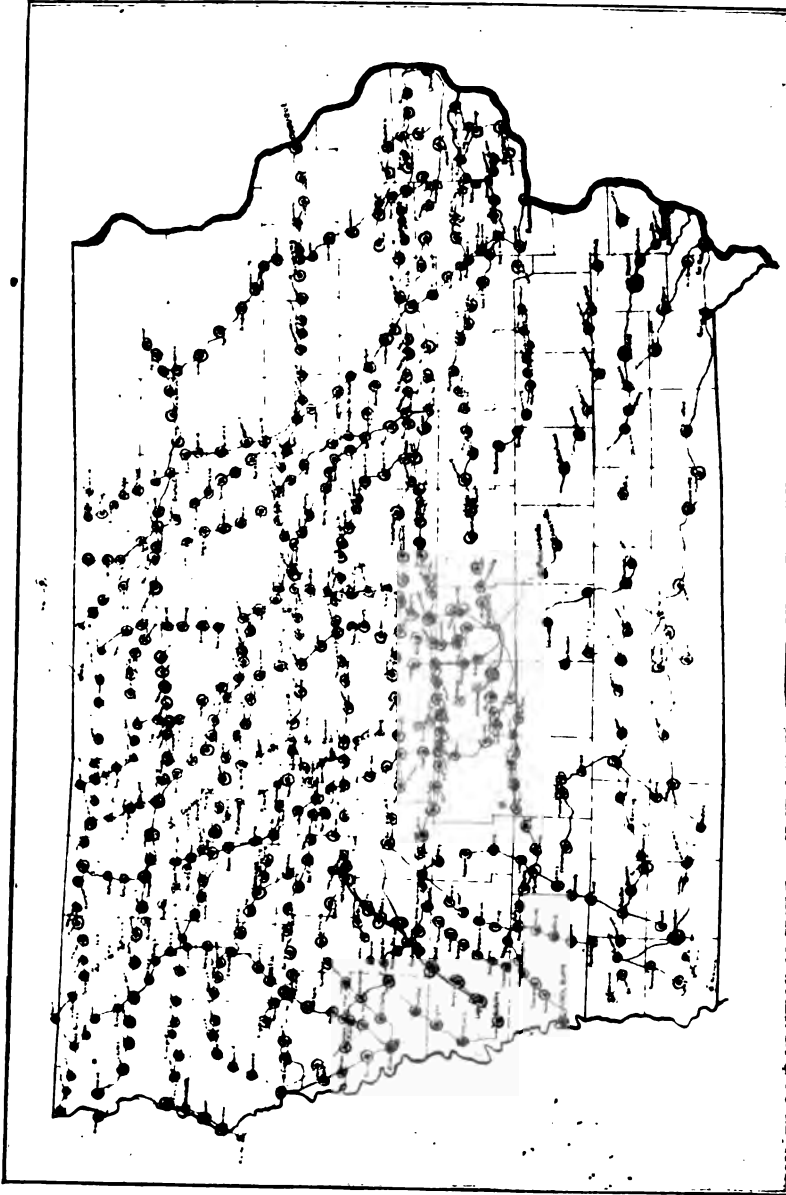
There is an eighty-acre tract of land for sale, lying north and east of the College farm and adjoining the College land on two sides. We have an option on this land until May, 1906, at \$75 per acre. The College owns forty acres of land in Polk County between Highland Park and the village of Saylor. This land was obtained, I believe, by foreclosure of a mortgage. It has given but very small returns and the prospect for increase in value does not seem to be greater than that of the land adjoining the College farm. The forty-acre tract of land could probably be sold for \$125 per acre, or \$5,000. The forty acre tract of land is a part of the original land grant and the proceeds from the sale of this land would of necessity be added to the endowment

fund and could not be invested in other land. I believe it highly desirable, however, that this eighty acre tract of land adjoining the college farm be purchased in order to extend and strengthen our educational experiment work. This land is of such a character and so located that it will be of immediate and permanent service in extending the grazing land on the college farm and we are very much in need of land for this purpose in order to maintain our equipment of live stock for educational work and also to afford facilities for conducting experimental work in Animal Husbandry.

We are also in need of lands north and west of the college for Forestry and Horticultural work. The west line of the college land jogs where it is divided by the Chicago & Northwestern Railroad right of way. In this jog and adjoining the college farm on two sides is a tract of land, somewhat broken and rolling, but admirably suited for Forestry and Horticultural work. This piece of land contains $57\frac{1}{2}$ acres and is owned by three different parties. The owner of the south $27\frac{1}{2}$ acres has declined to put a price on this property. We have an option on 20 acres north belonging to one man at \$65 per acre and on 10 acres belonging to another man at \$50 per acre. We also have an option on 38 acres west of the $27\frac{1}{2}$ acre tract at \$85 per acre. The $27\frac{1}{2}$ acre tract could be condemned in accordance with an act passed by the 30th General Assembly and it is not likely that the valuation would exceed \$100 per acre. It ought to be less than that amount. At an allowance of \$100 per acre, however, the entire $57\frac{1}{2}$ acres can be purchased for \$4,550. This land lies immediately adjoining our present Horticultural and Forestry grounds and furnishes splendid opportunity for the extension of our work in that direction. The United States Department of Agriculture has offered to enter into co-operative experimental work in Forestry planting and the maintenance and care of Forestry lands, and bear one-half of the expense of conducting these investigations. It is highly desirable that this additional land be secured at the present time while it is available and in order that this work in co-operation with the Bureau of Forestry may be carried out. The total amount necessary to purchase these two tracts of land will not exceed \$11,000 and I recommend that the legislature be asked for an appropriation for this purpose and that any unexpended balance not needed for the purchase of the land may be applied on permanent improvements on said land.

Respectfully submitted,

(Signed) C. F. CURTISS.



MAP SHOWING THE ITINERARY OF THE CORN SPECIAL TRAINS.

Report of the
Dean of the Division of Veterinary Medicine

November 28, 1905.

MY DEAR PRESIDENT STORMS: I am pleased to report that the past year has been one of greath growth, progress and development for the Division of Veterinary Medicine. It has fully demonstrated the wisdom of the adoption of a four-year course of study.

The trinity of reading, writing and spelling can no longer be accepted as evidence sufficient for admission to the Division of Veterinary Medicine. I sincerely hope that the last barrier to the maintenance of a high standard has been swept away forever and that the candidate for admission will be measured by the same rule that governs the admission to the other divisions of the College. The adoption of this rule will insure sufficient training and ability to deal with abstruse subjects and therefore fitness to grasp and work out the different problems met with by the student in the work leading to his professional degree.

In the revision and extension of the course of study to four years, the valuable and practical work of Stock Judging and Animal Nutrition has been added. This enables the student to gain a thorough knowledge of live stock as they appear in health, and be brought into closer touch with the workings of the great live stock industry.

The study of Physiology and Pathology shows no fundamental difference between that of man and the domestic animals, as most of the knowledge acquired has been attained through experiments upon the lower animals.

The Veterinarian, as a Sanitarian, guards the greatest income producing property of the United States; the most profitable branch of agriculture. "It feeds more people; it furnishes more homes than any other branch of manufacturing, commerce or trade. The success of our agricultural population depends upon their horses, cattle, sheep, swine and poultry. Moreover, the butchers, milk dealers and numberless other industries and interests depend upon animals and animal products for their support."

Certain of the infectious animal diseases are a menace to the live stock industry. Tuberculosis, one of the most prevalent, has fastened itself upon the herds of cattle and droves of hogs, causing annually,

losses amounting to millions of dollars, to say nothing of the dangers attendant to mankind upon the use of the flesh or milk of animals so diseased.

An intelligent consideration of this subject requires a knowledge of the number and value of our live stock, the essential character of this industry to the growth and prosperity of other industries and the necessity of preserving the health of our domestic animals, because of their money value and especially, lest through disease, they become a menace to human health.

As reported by the United States Department of Agriculture, January 1, 1905, the number, average price and total value of farm animals in the United States are as follows: The number of horses in the United States is 17,057,702, valued at \$1,200,310,020 (\$70.37 per head). The number of mules, 2,888,710, value \$251,840,378 (\$87.18 per head); milch cows, 17,572,464, value, \$482,272,203 (\$27.44 per head); other cattle, 43,669,443, value \$661,571,308 (\$15.15 per head); sheep 45,170,423, value \$127,331,850 (\$2.82 per head); swine 47,320,511, value \$285,254,978 (\$5.99 per head). Grand total number of live stock 173,679,253, value \$3,006,580,737.

Iowa stands first in the total valuation of live stock, amounting to \$244,980,801 or nearly one-eighth of the total valuation for the United States. The total number of hogs is about 7,500,000, value about \$50,000,000 and with an estimated annual loss of 6 per cent, makes practically a \$3,000,000 loss to the hog raisers of Iowa, which could in a great measure be prevented, as the mortality is chiefly due to hog cholera, swine plague and tuberculosis.

The Veterinary Hospital, managed in connection with the Division of Veterinary Medicine, furnishes a large amount of clinical material for practical instruction and demonstration. The patients are not alone supplied by local clients, but many of them are brought quite a distance for treatment. During the school year of 1904-05, there were treated at the free clinic, for various ailments, over 1,000 cases. These patients are cared for by the Senior and Junior students under the immediate direction of the hospital staff, composed of the members of the Veterinary faculty. A nominal fee is charged for all cases remaining in the hospital. The patients admitted for treatment have gradually increased in numbers during the past three years and the services rendered have been quite satisfactory to the owners. The income from this source makes the hospital more than self-sustaining.

I submit the following list of students taking work in the Divi-

sion of Veterinary Medicine for the past three years and the number matriculated in the first semester of the present year:

For 1902 and 1903—			
Veterinary Course,			
Freshman	36		
Juniors	8		
Seniors	4	48	
Agricultural Course,			
Agricultural students taking Veterinary work	38	38	
Total			86
For 1903 and 1904—			
Veterinary Course,			
Freshman	30		
Sophomores	3		
Juniors	15		
Seniors	4		
Post Graduates	1	53	
Agricultural Course,			
Agricultural students taking Veterinary work	64	64	
Total			117
For 1904 and 1905 —			
Veterinary Course,			
Freshman	35		
Sophomores	14		
Juniors	5		
Seniors	12	66	
Agriculture Course,			
Agricultural students taking Veterinary work	71	71	
Total			137
For first Semester 1905 and 1906—			
Veterinary Course,			
Freshman	26		
Sophomores	14		
Juniors	10		
Seniors	4	54	
Agriculture Course,			
Agricultural students taking Veterinary work	37	37	
Total			91

The Division of Veterinary Medicine has reached a period in its development and growth where it can no longer advance and expand unless something material is added in the way of buildings and equipment. The proper location of a Veterinary Building costing not less than \$150,000, easy of access, containing offices, laboratories, lecture, clinic and dissecting rooms, would materially add in the up-

building and strengthening of this very important division of the College and would serve to attract a better qualified class of young men and more thoroughly equip them to render service to the great live stock interests of this and other states.

Provisions for the protection of such vast interests as these is worthy of the most earnest consideration in dealing with the present needs of the Division of Veterinary Medicine.

Respectfully submitted,

(Signed) J. H. McNEIL,

Report of the
Dean of the Division of Engineering.

AMES, IOWA, November 8, 1905.

*President A. B. Storms,
Iowa State College,
Ames, Iowa.*

DEAR DR. STORMS: In presenting the *first* Dean's annual report of the Division of Engineering of the Iowa State College it may not be inappropriate to give some review of the recent history of the Division, which may show some of the steps by which it has attained its present standing among the engineering schools of the country. In Table No. 1, below, the statistics of attendance for the last ten years are given.

TABLE NO. 1.

ATTENDANCE OF ENGINEERING STUDENTS AT IOWA STATE COLLEGE.

Year	M. E.	C. E.	E. E.	Mn. E.	Total
1894.....	44	35	68	0	147
1895.....	38	38	66	2	144
1896.....	23	32	77	3	135
1897.....	30	27	76	4	137
1898-99.....	65	52	135	2	254
1899-00.....	86	77	167	6	336
1900-01.....	117	119	180	12	428
1901-02.....	144	163	220	16	543
1902-03.....	165	176	216	20	577
1903-04.....	174	231	233	39	677
1904-05.....	155	263	249	39	706

The above table shows a marvelous growth, all the more marvelous when it is further stated that the statistics of nearly all the principal engineering schools of the country during the same time show very similar results. Taken in connection with the fact that the demand for engineering graduates continues greater than the supply, the astounding increase of engineering students indicates the recent remarkable scientific development of the industries and civilization of our country.

Incidentally, also, the great increase of engineering students accompanies, and to some extent is causing, a revolution in higher edu-

cation in America. More and more the so-called classical, general and liberal arts courses in our colleges and universities are being filled with women students, while the men are swarming into the technical and professional schools. Even in our high schools, manual training and other work of semi-technical nature are demanded to hold the boys, and the schools are yielding to the demand. In our own school this tendency is shown by Table No. 2, following:

TABLE NO. 2.
PERCENTAGE OF ENGINEERING STUDENTS AT IOWA STATE COLLEGE.

Year	Total Long Course Students.			Engineering Students	Per Cent Engineering Students to	
	Men	Women	Total		Men	Total
1894.....	422	118	540	147	34.8	27.2 %
1895.....	383	128	511	144	37.5	28.1
1896.....	373	119	492	135	36.1	27.4
1897.....	367	113	480	137	37.3	28.5
1898-99.....	622	157	779	254	40.8	32.6
1899-00.....	666	162	828	336	50.4	40.5
1900-01.....	794	182	976	428	53.9	43.8
1901-02.....	1,029	184	1,213	543	52.7	44.7
1902-03.....	1,001	157	1,158	577	57.6	49.8
1903-04.....	1,137	155	1,292	677	59.5	52.3
1904-05.....	1,152	174	1,326	706	61.2	53.2

It will be seen from the above that not only the total number but also the percentage of our engineering students has greatly increased during the last decade. This increase in the percentage of technical students would be still more worthy of note should we add the equally remarkable increase in the numbers of our agricultural students during the same time. Agricultural education being now truly technical work, the engineers and the agriculturists should be considered together in studying the tendency of the times. Nor is our school alone in the increase of the percentage of technical students. We find a similar state of affairs throughout the country.

In spite of the present tendency of students into technical courses, I hazard the statement that the graduates of our institutions of higher learning are broader and better educated men today in the true sense than ever before. Not only is this true of our own school, where in the decade we are considering our entrance requirements have been raised from a level scarcely above the grammar school grade to graduation from a first-class high school, but it is also true of our colleges and universities generally.

The fact is that the truly broad-minded and well educated man of today is not the scholar, meditating in the selfish seclusion of some library, but the man who takes an active part in the work of our modern highly developed civilization, and who labors with the head, heart and hand to advance truth and to make the world better, materially and spiritually. No education can better fit one for service to the public in this day of applied science than a technical education.

ENGINEERING AND AGRICULTURE SHOULD BE ASSOCIATED IN IOWA.

One of the prominent engineering educators of the country has recently said, in a thoughtful paper on engineering education, that the supply of young engineers in this country comes mainly from the farms, and that "it is a good thing for the engineering profession that its recruits are largely drawn from the farming population. There is no better blood in the country, whether considered from the standpoint of ancestry or of present personal character." In Iowa these conditions are especially characteristic, and it has been a fortunate thing that the largest engineering school in the state is located at the College of Agriculture and Mechanic Arts, which the farming population regard as peculiarly their own school.

Moreover, in Iowa all the branches of engineering and engineering industries depend quite directly upon agriculture. Our manufactures, for example, are almost wholly either of the raw products of our farms or of finished articles destined to be used by our farmers. Untold wealth remains to be developed by scientific investigations of possible manufactures of the waste products of the Iowa farms. Again, our transportation problems refer mainly to the products and needs of the farms. Our cities are directly supported by tributary agricultural areas. The products of our mines and quarries are either consumed upon the farms or by industries or communities depending on the farms.

The different branches of engineering work can be taught properly only by men engaged in original study and research in their special subjects, since only by such men can engineering work be kept fully up with the times and the necessary inspiration given students. In Iowa such original study and investigation require the co-operation of those in charge of scientific agricultural investigation and the opportunities afforded by their facilities for investigation work.

For example, drainage in Iowa must be studied jointly by engineers and agriculturists, as we are doing in our college work. The engineer alone cannot properly study the effect of drainage on soils and crops

any more than the agriculturist alone can properly study the design, construction and maintenance of drainage systems.

The good roads question is another instance in which our Engineering and Agricultural Divisions are co-operating with the very best results, in work which neither division could properly carry on alone.

So, too, in Iowa the sanitary engineer should study sewage disposal not only for our cities but also for our private home, and the same is true of water supply. The railway engineer in Iowa needs to study light electric railways for rural districts and to investigate railway management and rates, especially affecting farm products and their use in manufactories. The mechanical engineer needs to study the application of power and machinery on the farm and in manufactories of raw materials from our farms and of implements and fabrics for our farmers.

From every point of view then it seems certain that in Iowa engineering and agricultural research and education should go hand in

STATE HIGHWAY COMMISSION.

In recognition of the facilities for good roads work afforded by this co-operation of engineering and agriculture in our college, the last legislature passed a law making the college the State Highway Commission, and this work was assigned by the trustees jointly to the Divisions of Engineering and Agriculture. The details of the work will be given in an elaborate separate report to the Governor, as required by law, but it may be said here that as the work develops it proves of the utmost importance to Iowa, and the possibilities of our doing service to the public in this line seem unlimited if the work is given proper financial support by the state. We cannot doubt that such support will be given. The financial support to carry out careful and conservative plans already prepared should be made \$10,000 per annum.

ENGINEERING EXPERIMENT STATION.

In further recognition of the great possibilities for good service to our state by engineering investigations at our college, the last legislature made an appropriation for such work which enabled the college trustees to organize an Engineering Experiment Station. The station staff consists of President A. B. Storms, ex-officio, Director A. Marston, and Professors G. W. Bissell, L. B. Spinney, S. W. Beyer and W. H. Meeker. Although the time which has elapsed since the organization of the station is short, important work has been taken up and valuable results secured, part of which have been published in bulletin form.

The Civil Engineering Section has taken up many tests of the materials of construction for cities, corporations and citizens of Iowa. It is constantly carrying on important investigations of sewage disposal

in Iowa, in the course of which annual examinations of all plants in the state are made. Its experimental work in this line includes small sewage plants for private houses, and the disposal of creamery wastes. The water works of the state are being studied, and questions relating to paving. Railway problems in Iowa are also receiving attention. Bulletins already issued include seven on sewage disposal, two on tests of brick, one on dredging methods, and one on cement (now about ready for the press).

The Mechanical Engineering Section has been studying the coals of Iowa and the best methods of using them for fuel. One bulletin on this subject has been issued which has attracted much favorable attention, and another is about ready for the press. The Section is also studying Iowa power plants and shop methods in our state.

The Electrical Engineering Section has been giving special attention to electric lamps as sold and used in Iowa, and has established a testing station to which many lamps are being sent for testing to see whether they meet the manufacturer's claims.

The Mining Engineering Section has been assisting in the investigations of Iowa Coals, and has been giving especial attention to the clays, limes, and other mineral products and possibilities in Iowa.

This Engineering Experiment Station work also seems to have limitless possibilities for good, and it should receive adequate support, as our Agricultural Experiment work does. We ask that an annual appropriation of \$15,000 be granted by the state for this work. The sum named is the one first granted by the national government for the Agricultural Experiment Station of each state, and which has done so much good.

COURSE IN CHEMICAL ENGINEERING.

... The necessary chemical work of the Engineering Experiment Station calls for the employment of a competent technical chemist especially qualified for research work. Under such a man a course in Chemical Engineering might well be developed. In Iowa the possibilities of developing new wealth for the state in untold amounts by utilizing what are now waste products fully justify our inaugurating such work in such hands. In the corn stalks which now rot on every farm, for example, we may yet find the basis for manufacturing developments of greatest value. We already have some call from various existing manufacturing factories for chemical engineers.

COURSE IN ARCHITECTURE.

I believe that we should also establish in the near future a course in Architecture. At present no such school exists in Iowa, and although we frequently have inquiries for such work, Iowa students must go outside the state to become architects. Our engineering facilities and the many subjects in common in Engineering and Architectural courses make it a matter of comparatively small expense for us to establish such a course. One professor at first, two after a couple of years, and an outlay of several thousand dollars for equipment would be required, together with suitable quarters.

ADVANCE IN ENTRANCE REQUIREMENTS AND REVISION OF ENGINEERING COURSES.

We are constantly endeavoring to improve and strengthen our engineering work and have recently made a material increase in our entrance requirements. They now include solid geometry and two years of modern language. Our entrance requirements for engineering courses are now the highest in Iowa and are the same as those of the best engineering schools.

We are also carefully revising our engineering courses. The new courses will still correspond closely to the general practice of the best engineering schools, but we will lose no opportunity to improve upon that practice where our own experience suggests improvement and where our own local conditions render it possible.

For example, our location is favorable to giving instruction in field surveying and we are giving special attention to this subject. Again, it seems agreed that the business side of engineering should receive more attention in the engineering schools, and we have recently introduced a course in Specifications and Contracts, given by Vice-Dean Bissell. To help make our engineering students broad and well informed men we have also introduced a course in the History of Engineering, given by the Dean.

NEEDS OF THE ENGINEERING DIVISION.

While the numbers of our engineering students have been growing at the remarkable rate already indicated, and while in many ways we have also had a remarkable growth in equipment and in the Engineering Faculty, yet in some particulars our increase in equipment and facilities has not kept up with the growth in numbers.

TABLE NO. 3.
INCREASE IN FACULTY.

NUMBER IN ENGINEERING FACULTY AT IOWA STATE COLLEGE
AS COMPARED WITH NUMBER OF ENGINEERING STUDENTS.

No. Engineering Division Instructors.		No. Engineering Division Students.	
Year	Total	Purely Engineering*	Per Instructor
1894.....	10	8	147
1895.....	10	8	144
1896.....	10	8	135
1897.....	10	8	137
1898-99.....	11	9	254
1899-00.....	13	11	336
1900-01.....	15	13	428
1901-02.....	15	13	543
1902-03.....	21	19	577
1903-04.....	24½	22	677
1904-05.....	27½	24	706

*Note—The other instructors are counted in the general *Physics*, *Geology*, and *Good Roads* work.

Table No. 3 shows, for example, that we have 67 per cent more engineering students per engineering instructor than in 1894, although on account of the higher grade of technical work we now give (necessitating increased outside research) we should have fewer students per instructor.

I recommend one new instructor in Mechanical Engineering, one new assistant professor in Civil Engineering, and one new instructor in Electrical Engineering as a moderate increase strongly needed.

I also recommend some material increases in salary in the cases of some of our present tried and approved members of our faculty who are now staying with us at a sacrifice. Professor French, for example, was offered \$1,800 elsewhere and receives only \$1,400. In fact the outside opportunities for engineers are so many and so remunerative that I have no doubt the larger part of our Engineering Faculty could command larger salaries at outside work than we are paying them. They are staying with us because they prefer the work and are loyal to the college. We should do better by them.

INCREASE IN LABORATORIES AND SHOPS.

Our most serious deficiencies in engineering equipment (though we need more class rooms and offices) are in our engineering laboratory and shop facilities. I deeply regret being compelled to report that our

engineering laboratories especially are hardly worthy the name. While we have been building and filling with students to overflowing our fine new Engineering Hall, our laboratory and shop space and equipment and instrumental equipment have almost stood still. Fortunately the cost of the kind of buildings needed is comparatively low.

We ask appropriations for laboratory and shop buildings as follows:

50-feet x 200-feet x 2-story building north of carpenter shop, to contain machine shop, new Mining Laboratory, and six class rooms, probably	\$30,000
To remodel Old Engineering Hall for Hydraulic and Materials of Construction Laboratory, probably.....	10,000
For new Forge shop, probably	5,000
For new Railway Laboratory, probably.....	5,000
Total	<u>\$50,000</u>

The exact distribution of this sum might differ slightly from that outlined above.

INCREASE IN EQUIPMENT.

We urgently need a large special appropriation for new equipment. A careful preliminary estimate shows that the amount needed is at least \$40,000, which amount we request.

Our sister institution, the College of Engineering of the University of Illinois, recently had an appropriation of \$150,000 for this purpose.

INCREASE IN SUPPORT.

The Engineering Departments also need material increases in the sums appropriated for their ordinary running expenses.

In conclusion I would say, in behalf of the Engineering Departments, that as rapidly growing children of the state their needs are great but that their purposes are high and they hope amply to repay the parental generosity which they look with confidence to receive.

Very respectfully submitted,

(Signed) A. MARSTON,
Dean of Division of Engineering.

Changes in the Faculty.
July 1, 1903, to June 30, 1905.

CHANGES IN THE FACULTY.

During the Biennial Period, July 1, 1903, to June 30, 1905.

VACANCIES.

Professors.

1903-1904.

E. W. Stanton, M. Sc., L. L. D., Acting President, term expired.

H. C. Price, M. S. A., Professor of Horticulture, resigned.

Mary A. Sabin, B. A., Professor of Domestic Economy, resigned.

J. J. Repp, V. M. D., Asst. Professor of Therapeutics and Pathology, and Asst. Station Veterinarian, resigned.

L. E. Young, Mn. Eng., Assistant Professor of Mining Engineering, resigned.

W. H. Olin, M. Sc., Assistant Professor of Farm Crops, resigned.

R. H. Hadfield, B. S., in M. E., Instructor in Mechanical Drawing, resigned.

1904-1905.

J. B. Weems, Ph. D., Chemist of the Experiment Station, resigned.

C. J. Zintheo, B. S., Professor of Farm Mechanics, resigned.

M. Jacobs, V. M. D., Professor of Veterinary Medicine and Sanitary Science, resigned.

O. W. Willcox, B. S., Ph. D., Assistant Professor of Soils, resigned.

B. S. Lanphear, M. M. E., Assistant Professor of Electrical Engineering, deceased.

L. S. Klinck, B. S. A., M. S. A., Assistant Professor of Farm Crops, in charge of Department, resigned.

Elmina T. Wilson, C. E., Assistant Professor of Civil Engineering, resigned.

Instructors and Assistants.

1903-1904.

Chester M. Perria, B. Sc., Instructor in History, term expired.

Ada J. Miller, Ph. B., Instructor in English, term expired.

H. R. Watkins, B. S. A., Instructor in Chemistry, term expired.

John S. Coye, B. Sc., Instructor in Chemistry, term expired.

Harva R. Otis, Assistant in Machine Work, term expired.

1904-1905.

Sarah C. Hook, B. L., Instructor in Public Speaking and Physical Culture for Women, resigned.

Fannie O. Edgett, B. Sc., Instructor in Chemistry, term expired.

Ezra C. Potter, Instructor in Pattern Shop, term expired.

Beryl A. Hoyt, B. A., Instructor in English, term expired.

Alice M. Parks, B. Sc., Instructor in Domestic Science, in charge of Department, term expired.

Harry M. Parks, B. Sc. in M n E., Instructor in Mining Engineering, term expired.

Mathew L. King, Assistant in Pattern Shop, term expired.

Mary L. Van Zile, Assistant in Domestic Science, term expired.

Ernest C. Gasser, Assistant in Farm Mechanics, resigned.

APPOINTMENTS.

Professors.

1903-1904.

Name.	Title.
A. B. Storms, A. M., D. D., LL. D.,	President.
W. H. Stevenson, A. B., M. S. A.,	Professor of Soils.
C. J. Zintheo, B. S.,	Professor of Farm Mechanics.
W. J. Rutherford, B. S. A.,	Assistant Professor of Animal Husbandry.
W. H. Olin, M. Sc.,	Assistant Professor of Farm Crops.
L. E. Ashbaugh, B. S., Ph. B.,	Associate Professor of Civil Engineering.
Edward E. Bugbee, E. M.,	Assistant Professor of Mining Engineering.
M. Jacob, V. M. D.,	Professor of Veterinary Medicine and Sanitary Science.
Frank French, M. E. in C. E.,	Associate Professor of Civil Engineering.

1904-1905.

Georgetta Witter, B. L., Professor of Domestic Science.

Richard C. Barrett, M. A., Professor of Civics.

Louis G. Michael, B. Sc., Chemist of Experiment Station.

Spencer A. Beach, M. S., Professor of Horticulture.

Leonard S. Klinck, B. S. A., M. S. A., Assistant Professor of Farm Crops, in Charge of Department.

W. M. Wilson, M. M. E., Assistant Professor of Mechanical Engineering.

W. F. Coover, A. M., Assistant Professor of Chemistry.

C. W. Gay, D. V. M., Assistant Professor of Animal Husbandry.

H. P. Baker, B. S., M. F., Assistant Professor of Forestry.

O. W. Willcox, B. S., Ph. D. Assistant Professor of Soils.

Adolph Shane, B. S. in E. E., Assistant Professor in Electrical Engineering.

I. O. Shaub, B. S., Assistant Professor of Soils.
Engineering.

F. A. Fish, M. E. in E. E., Associate Professor in Electrical
Paul S. Pierce, Ph. D., Assistant Professor of History.

F. P. Ahlers, D. V. M., Assistant Professor of Anatomy and Ob-
stetrics.

L. M. Hurt, D. V. M., Assistant Professor of Physical and Sanitary
Science.

Ira A. Williams, B. Sc., A. M., Assistant Professor of Mining Engi-
neering.

INSTRUCTORS AND ASSISTANTS.

1903-1904.

H. M. Parks, B. Sc. in Mn. E., Instructor in Mining Engineering.

R. H. Hadfield, B. S. in M. E., Instructor in Mechanical Drawing.

Wayne Dinsmore, B. S. A., Instructor in Animal Husbandry.

Jesse G. Hummell, B. M. E., Instructor in Machine Shop Practice.

John S. Coye, B. Sc., Instructor in Chemistry.

Harriett Kellogg, A. M., Instructor in Botany.

Florence A. Lucas, Instructor in French.

Rose Abel, A. B., Instructor in English.

Ruth Morrison, A. B., Instructor in Domestic Economy.

Effe J. White, Instructor in English.

W. W. Smith, B. S. A., Assistant in Animal Husbandry.

George I. Christie, B. S. A., Assistant in Soils.

M. L. King, Assistant in Pattern Shop.

M. L. Merritt, Assistant in Horticulture.

John H. Lawton, Assistant in Mechanical Drawing.

D. M. Curl, Assistant in Forge and Foundry.

Mary L. Van Zile, Assistant in Domestic Economy.

1904-1905.

Lisle McCollom, B. A., Instructor in German.

T. H. McDonald, B. C. E., Instructor in Civil Engineering and As-
sistant in Good Roads Investigations.

Elizabeth Moore, Ph. M., Instructor in English.

John F. Travis, A. M., Instructor in Mathematics.

Winifred Tilden, B. A., Instructor in Physical Culture for Women.

Sybil M. Lentner, B. S., Instructor in Public Speaking.

Dora G. Tompkins, A. M., Instructor in English.

Harry M. Bajner, M. S. A., M. Sc., Instructor in Field Engineering.
Department of Farm Mechanics.

Frank G. Allen, B. S., Instructor in Mechanical Engineering.

Blanche I. Thoburn, A. B., Instructor in English.

J. W. Jones, Assistant in Farm Crops.

H. F. Bishop, Assistant in Carpenter Shop.

Cortes Johnson, Jr., B. S. in C. E., Assistant in Civil Engineering.
Bird Slater, B. S., Assistant in Chemistry.
Edward M. Spangler, Assistant in Pattern Shop.
Margaret B. Stanton, B. Sc., Assistant in Mathematics.
Ethyl Cessna, B. Sc., Assistant in History.
C. E. Bartholomew, Assistant in Zoology.
Robert E. Buchanan, B. Sc., Assistant in Botany.
Estelle D. Fogel, B. A., B. Sc., Assistant in Botany.
Effie M. McKim, B. Sc., Assistant in Chemistry.
Wm. A. Bevan, B. Sc., Assistant in Chemistry.
E. C. Gasser, Assistant in Farm Mechanics.
C. W. Rubel, B. S. A., Graduate Assistant in Animal Husbandry.

MISCELLANEOUS.

1903-1904.

David M. Fyffe, Farm Superintendent.
Jullus Erdmann, Gardner.

1904-1905.

E. S. Gardner, Station Photographer.
John P. Watson, Physical Director.
W. H. Ogilvie, Bulletin Editor.
Ben Edwards, Custodian.
W. H. Grover, Superintendent Heating, Lighting, Power and Water.
M. L. Bowman, Farm Foreman.

MISCELLANEOUS VACANCIES.

1904-1905.

David M. Fyffe, Farm Superintendent, term expired.
J. F. Cavell, Custodian, resigned.

PROMOTIONS.

Professors.

1903-1904.

E. W. Stanton, M. Sc., made Dean of the Junior College.
A. Marston, C. E., made Dean of Division of Engineering.
L. A. Placeway, B. Sc., from Instructor to Assistant Professor of Chemistry.
Alice M. Parks, B. Sc., placed in charge of the Department of Domestic Economy.
Bessie Larrabee, A. B., from Instructor to Assistant Professor of English.
Elizabeth MacLean, M. D., from Instructor to Assistant Professor of English.

1904-1905.

G. W. Bissell, M. E., made Vice-Dean of Division of Engineering.

W. J. Rutherford, B. S. A., from Assistant to Associate Professor of Animal Husbandry.

F. W. Bouska, M. S. A., from Assistant in Dairying to Assistant Professor in Dairy Bacteriology.

Frank French, M. E. in E. E., from Acting Assistant to Assistant Professor in Civil Engineering.

L. E. Ashbaugh, B. S., Ph. B., from Assistant to Associate Professor of Civil Engineering.

M. M. Roberts, B. L., from Assistant to Associate Professor of Mathematics.

W. A. Stuhr, D. V. M., from Assistant to Associate Professor of Histology, Pathology and Therapeutics.

A. T. Erwin, M. S. A., from Assistant to Associate Professor of Horticulture.

B. H. Hibbard, B. Ag., Ph. D., from Instructor to Associate Professor in charge of the Department of Economic Science.

Instructors and Assistants.

I. A. Williams, B. Sc., from Instructor to Assistant Professor in Mechanical Engineering.

J. E. Guthrie, M. Sc., from Instructor to Assistant Professor in Zoology.

M. P. Cleghorn, B. Sc. in E. E., from Instructor to Assistant Professor in Mechanical Engineering.

C. Larson, B. S. A., from Assistant in Dairying to Assistant Professor in Dairying.

John A. Conover, B. S. A., from Graduate Assistant to Assistant in Animal Husbandry.

Report of the
Director of the Agricultural Experiment
Station.

REPORT OF THE DIRECTOR OF THE AGRICULTURAL EXPERIMENT STATION.

The various lines of research work in agriculture carried on by the Experiment Station have been of incalculable value to the agricultural interests of the state. There are single lines of investigation, some of which are referred to in another place, which have resulted in direct benefits amounting to more than has been expended by the Experiment Station since its organization. The United States Department of Agriculture estimates as follows the minimum annual damage done by our fourteen most destructive insects:

Grasshopper	\$50,000,000
Chinch-bug	60,000,000
Hessian fly	40,000,000
Corn-root worm	20,000,000
Corn-ear worm	20,000,000
Cotton-boll weevil	20,000,000
Cotton-boll worm	12,000,000
Cotton-leaf worm	8,000,000
Codling moth of apple	20,000,000
Potato-bug	8,000,000
Grain weevil	10,000,000
Army worm	15,000,000
Cabbage worm	5,000,000
San Jose scale	10,000,000
Total	<u>\$298,000,000</u>

The Experiment Stations of this and other states have already done much to minimize this damage and even greater results may yet be accomplished in that direction. There are many important lines of investigation left practically untouched on account of lack of funds and adequate facilities for carrying on comprehensive experimental work.

The farms of this state yield annually over \$400,000,000 worth of products. This is equivalent to five per cent income on the valuation of \$8,000,000,000. It is only recently that we have come to appreciate this priceless heritage. Comparatively no soil investigations have been conducted by any of the Experiment Stations aside from the study of

commercial fertilizers until in the past five or six years. Fortunately this state has not yet become converted to commercial fertilizers. Some of the southern and eastern states are annually expending from two to five million dollars for commercial fertilizers for which no adequate return is secured, and notwithstanding this enormous outlay the agricultural lands of these regions are constantly depreciating in value. It is confidently believed that by right methods of tillage and intelligent farm management the use of fertilizers to any considerable extent will never be necessary in Iowa. It is also hoped and believed that the same methods will lead to an increase in the productive capacity of our farming lands instead of the depletion of soil fertility. There is imminent danger, however, of reduced returns from large sections of the farming lands of this state and a consequent depreciation of value similar to that which has occurred in all agricultural lands east of the Mississippi Valley and which has in some places already set in, even in the rich lands of the Central West. The state of Illinois, recognizing the importance of this problem, has for the past three years appropriated \$20,000 annually for soil investigations in that state, and it is commonly conceded that the investigations resulting from this appropriation have produced returns more than a hundred fold in direct benefits resulting to owners and tillers of the soil in that state. We have barely made a good beginning in the soil study of Iowa. We have now a well organized department with good laboratory equipment and facilities for conducting investigations along that line. We need, however, additional means to extend the work systematically and thoroughly and to carry it on for a series of years in an intelligent manner. Some results already attained have been of immediate practical value. In many sections certain types of soil, exceedingly rich in some of the constituents of fertility, have been unproductive on account of the lack of understanding of the proper methods of treatment. These soils have been made to yield abundantly by the introduction of proper methods. This is particularly true of the peat soils in many sections.

In Horticulture and Forestry there is urgent need of extensive experimental work. The showing of fruit made by this state at St. Louis clearly demonstrated that in quality and excellence and number of varieties the fruit products of the state will compare favorably with the best when our resources in that line are properly developed. Our Department of Horticulture and Forestry is now well organized and in better condition for conducting systematic and useful work than ever before. Forestry offers a most useful line of investigation. The scarcity of material for fence posts, wood lots, and building purposes

is becoming more marked each year. In some sections of the state timber land that is unfit for anything except timber culture has been devastated and left in an unproductive condition. The work of restoring forestry growth to land of this character and to other lands suited to tree production in the state is a most important problem which has already been too long delayed.

The investigations conducted by the Experiment Station in studying the vitality of seed corn and the consequent influence upon the yield and value of the corn crop of the state have yielded abundantly. It is believed that these investigations alone have more than repaid the appropriations made by the state for its experimental work. The corn special trains have directly and indirectly reached a larger majority of the people engaged in agriculture in this state, and the influence of this work has extended throughout the corn belt of the United States. These trains have traversed ninety-six out of the ninety-nine counties of Iowa, have covered a distance of 7,855 miles, during which 670 stops were made and 1,085 talks and addresses delivered on the improvement of Iowa's greatest wealth producer, the corn crop. The total attendance at these meetings was 127,763. There is need of extending this work along the line of improvement of our corn by breeding and selection, and similar improvement may be made with equal advantage in other grain crops. This is particularly true of our grass crop. The grazing and meadow lands of the state yield annually almost as much as our corn lands, yet they are the most neglected part of our farms and susceptible to the greatest improvement with the smallest outlay.

The Dairy industry of this state has temporarily declined during the period of high prices for beef. The industry is rapidly regaining its former position and there is every reason to believe that this state will in the near future again take rank as the foremost dairy state in the union and continue to hold that place. The industry in this state is undergoing vital changes and there has never been greater need of the practice of the most intelligent methods than today. The waste that occurred in many of our creameries, even ten years ago, would drive the strongest firms out of business at the present time. The great central plants have sprung into existence primarily because of the better methods and the more capable and intelligent management that they have been able to introduce in central plants over those prevailing throughout the country generally in smaller plants. It is being clearly demonstrated, however, that these large central plants have no marked advantages, but on the contrary some serious disadvantages over smaller plants that are managed with the same degree of skill and ability. The

investigations conducted by the Dairy Section of the Iowa Experiment Station are regarded throughout the United States and in foreign countries as the most practical and helpful of all scientific work that has been carried on along this line. We are greatly in need of additional help and facilities for extending this work. In this, as in all lines of research and educational work, it is highly important that the results of experimental work and the benefits to be derived from the best methods be placed clearly before the people in such a way as to command their attention and accomplish the greatest good. It has come to be quite generally recognized that the field or sphere of an educational institution is not confined to its own immediate surroundings or to those who come within the walls of its college buildings, but that its instruction must be carried throughout the commonwealth that it serves.

In Agricultural Engineering we have a most important field that has only recently commanded the attention of educational institutions of this country, though it has been quite extensively developed in foreign countries, particularly in Germany. The investments in agricultural implements in this state amount to \$55,000,000, which is much the largest of any state in the union. The reclamation and drainage of our farm lands, the designing and construction of farm buildings, and the study of the economy and efficiency of various motive powers applied to farm work, the construction of roads and bridges and various other agricultural engineering problems demand men specially trained for this important work. It is generally conceded that the expenditure for agricultural machinery and other mechanical appliances on the farm is much larger than it need be if better mechanical skill were employed in its management and operation.

In the field of Animal Husbandry the state has most extensive and important interests. Iowa is pre-eminently the foremost live stock state of the union and must remain so if the state is to continue to hold its foremost rank in agriculture. There is no surer road to decline of Iowa's agricultural prosperity than by the abandonment of stock raising as the important feature of our agriculture. There is just now a marked tendency manifest to curtail the stock interests on account of the relative high price that has prevailed for grain and somewhat unsatisfactory returns for live stock. This condition is alarming to some of the most careful students of agricultural and economic conditions. There are many problems relating to live stock raising in this state that need to be carefully investigated for the benefit of those who are engaged in this important industry. Within the past decade and a half the agricultural lands of this state have advanced in value nearly one

hundred per cent, and the conditions confronting the stock farmers of the state today are radically different from those of ten years ago.

In the matter of live stock diseases there are constantly increasing dangers. Some rather startling developments have occurred during the past season in relation to the extent in which tuberculosis prevails among domestic animals of the state, particularly among hogs and dairy cattle. The records of the packing houses in the large market centers indicate that the percentage of hogs affected by tuberculosis is increasing at an alarming rate. We are preparing to conduct extensive investigations along this line, and additional funds for extending the work are very much needed.

For extending our experimental work in such a manner as to make it of greater service to the agricultural interests in the lines indicated we should have the following additional appropriations:

For Soils	\$ 7,000	annually
For Agr'l Engineering	3,000	"
For Farm Crops	7,000	"
For Dairying	5,000	"
For Live Stock	10,000	"
For Veterinary	5,000	"
For Horticulture and Forestry	3,000	"
<hr/>		
Total.....	\$40,000	"

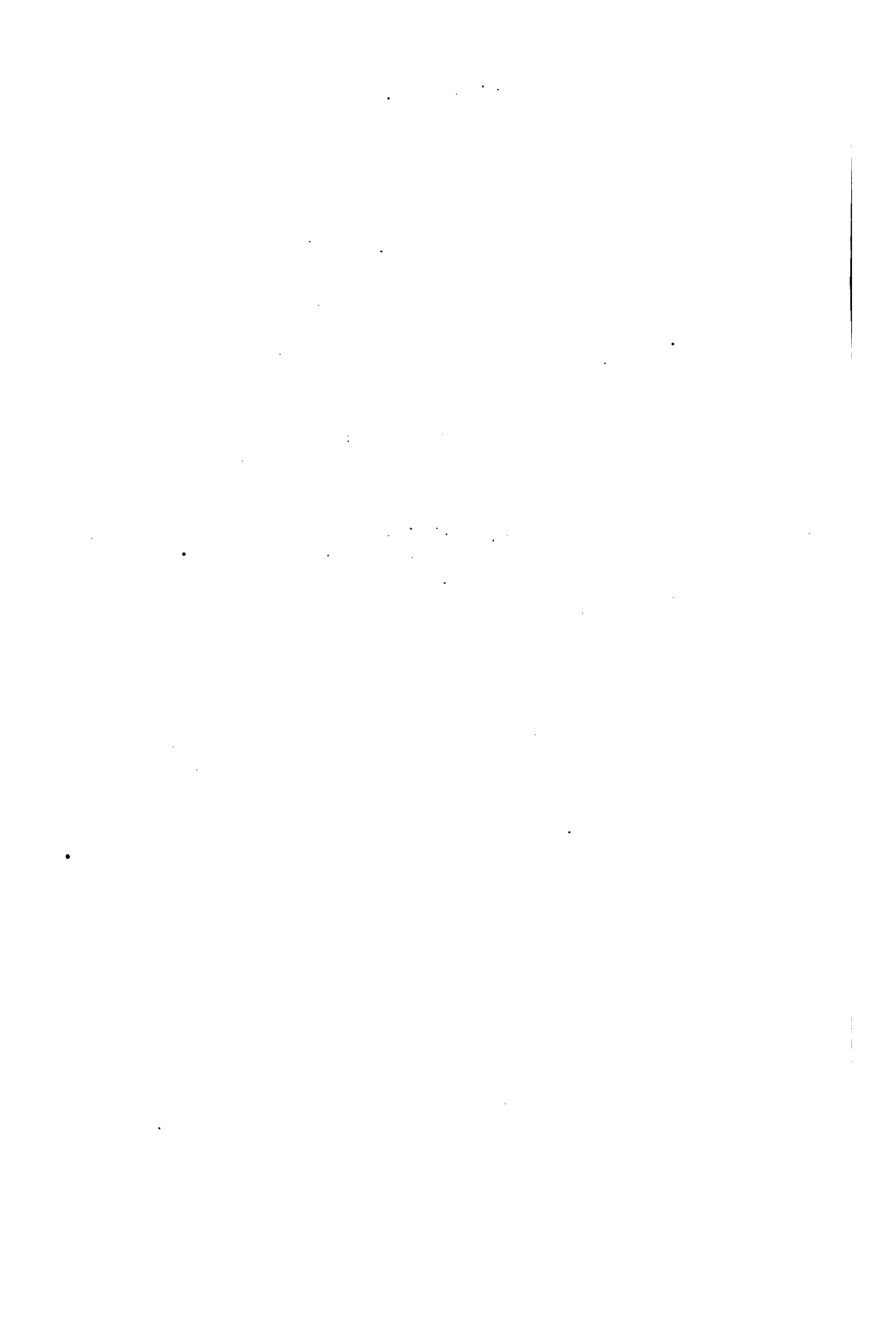
The agricultural experiment station in this state was established in 1888 in accordance with the terms of the Hatch Act passed by Congress in 1887. This act appropriated \$15,000 to each state and territory in the Union. Since that time about three-fourths of the states have supplemented the original appropriation by additional appropriations, which in most cases exceeded the original grant. In two states, namely Illinois and New York, over \$100,000 is appropriated annually for agricultural investigations in addition to the original fund granted by the Hatch Act. In this state no appropriation was made for the experimental work until 1902 when the 29th General Assembly appropriated \$15,000 to supplement the Hatch fund. In 1904 the 30th General Assembly appropriated \$10,000 additional. These appropriations have very materially strengthened our work, and one of the gratifying results that has come from it is the general interest in and appreciation of the work on the part of the agricultural interests of the state, and accompanying this a correspondingly increased demand for extending the work along practical lines that may be of immediate benefit. The demands made upon us in all lines of educational and experimental work

were never so much in excess of our resources as they are at the present time.

The liberal appropriations that have been granted for agricultural experimental work in other states are the direct results of the active influence of the agricultural organizations of those states. We have in this state similar agricultural organizations which have repeatedly endorsed and urgently requested liberal appropriations for agricultural investigations in this state. The amounts here mentioned may seem rather large at first thought, yet they are exceedingly conservative considering the vast interests represented, and in this connection I desire to repeat the words of Secretary Wilson, spoken recently in addressing a national convention at Washington, D. C., namely, "The government can make no better investment than to provide liberally for agricultural education and investigation." The progress that has been made in the development of agricultural resources of Iowa is a matter of public pride to every loyal citizen of the state.

Very respectfully submitted,

(Signed) C. F. CURTISS.



FINANCIAL REPORTS.

1. *What is the main purpose of this document?*

2. *What are the key findings of the study?*

3. *What are the implications of these findings?*

4. *What are the limitations of the study?*

5. *What are the conclusions of the study?*

6. *What are the recommendations for future research?*

7. *What are the acknowledgements?*

8. *What are the references?*

9. *What are the appendices?*

10. *What are the footnotes?*

11. *What are the tables?*

12. *What are the figures?*

13. *What are the conclusions?*

14. *What are the recommendations?*

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47. *What are the acknowledgements?*

48. *What are the references?*

49. *What are the appendices?*

50. *What are the footnotes?*

FINANCIAL REPORTS.

Physical and electrical engineering.....	4,302.18	900.33	4,302.18	900.33	5,592.56	.....
Political economy.....	.....	16.74	16.74	.....	16.74	.....
Public grounds.....	2,784.45	653.53	2,784.45	653.53	2,180.96	.....
Public rooms.....	13,573.21	12,572.21	12,572.21	12,572.21	1,001.00	.....
Public speaking.....	687.73	218.00	687.73	218.00	469.73	.....
Sabbath services.....	444.96	5.00	454.96	5.00	449.96	.....
Soils.....	2,514.67	395.50	2,514.67	395.50	2,119.17	.....
Veterinary.....	2,040.80	1,830.80	2,040.80	1,830.80	210.00	.....
Zoology.....	2,535.59	835.60	2,535.59	835.60	1,699.99	.....
Tuition.....	900.00	1,392.00	2,087.64	2,392.00	.....	254.36
State appropriations.....	749.92	141,080.01	141,079.66	141,829.98	.....	750.27
Total	\$4,881.10	\$397,691.08	\$397,691.08	\$394,405.56	\$130,894.08	\$2,895.18
Balance support funds.....	.....	.....	.....	.....	5,850.80	5,850.80
Cash to balance as follows.....	.....	.....	.....	.....	.....	.....
Support funds.....	2,418.60	.....	.....	.....	.....	3,850.80
State appropriations.....	749.92	.....	.....	.....	.....	750.27
Miscellaneous accounts.....	1,712.58	.....	.....	.....	.....	2,114.91
Total	\$4,881.10	\$4,881.10	\$394,405.56	\$394,405.56	\$143,714.33	\$4,715.48

STATE APPROPRIATIONS.

Account.	Balance July 1, 1903	Expended During Year	Drawn from State Treasurer	Total	Balance June 30, 1904
New Central building.....	.....	\$ 23,346.85	\$ 23,346.85	\$ 23,346.85	.....
Pure bred stock.....	.....	1,681.70	1,681.70	1,681.70	.....
Special building tax.....	749.92	97,551.11	97,551.46	98,301.38	\$ 750.27
Improvements and current expenses.....	.....	18,500.00	18,500.00	18,500.00	.....
Total	\$ 749.92	\$141,079.66	\$141,080.01	\$141,079.66	\$141,829.93
					\$ 750.27

TREASURER'S REPORT—STEWARDS DIVISION.

Account.	Balance July 1, 1904.		Fiscal Year.		Total.		Balance June 30, 1904.	
	Debit.	Credit.	Debit.	Credit.	Debit.	Credit.	Debit.	Credit.
Boarding department.....			\$ 303.95	\$ 303.95	\$ 303.95	\$ 303.95		
Damages		1.81		33.40		30.31		
Hospital		136.21	5,777.44	5,691.25	5,777.44	5,777.44		\$ 50.31
Food			33,535.50	33,535.50	33,535.50	33,535.50		
Pier, lights and incidentals.....			112.00	112.00	112.00	112.00		
Piano rent		0.00	0.00		0.00	0.00		
A. M. News				163.71		50.31		
Balance.....	\$ 194.08						\$ 50.31	
Total.....	\$ 194.08	\$ 194.08	\$ 35,754.90	\$ 35,754.90	\$ 35,754.90	\$ 35,754.90	\$ 50.31	\$ 50.31

TREASURER'S REPORT.

The following is a complete statement of the transactions of the accounts for the fiscal year ending June 30, 1905.

Account.	Balance July 1, 1904.		Fiscal Year.		Total.		Support Fund.		Balance June 30, 1905.	
	Debit.	Credit.	Debit.	Credit.	Debit.	Credit.	Debit.	Credit.	Debit.	Credit.
Support funds, balance July 1, 1904.....		\$4,850.30				\$ 8,850.30		\$ 8,850.30		
Interest on lands belonging to Cong'l grant.....				\$ 157.46		157.46		157.46		
Interest on investment of endowment fund.....				85,107.57		85,107.57		85,107.57		
State addition support fund.....				100,416.66		100,416.66		100,416.66		
Iowa State fair scholarship.....				200.00		200.00		200.00		
Agricultural fellowship.....				530.83		530.83		530.83		
Donation fund.....				36.00		36.00		36.00		
Diploma fund.....				41.54		41.54		41.54		
Room rent.....				239.88		239.88		239.88		
Salaries.....				431.57		431.57		431.57		
Room and wrengage.....				679.61		679.61		679.61		
Tuition.....				254.36		254.36		254.36		
Railroad damages.....				85.00		85.00		85.00		
Agricultural journalism.....				458.33		458.33		458.33		
Good roads school.....				75.00		75.00		75.00		
Morrill support fund.....				25,000.00		25,000.00		25,000.00		
Salaries.....				48,491.01		48,491.01		48,491.01		
Agricultural chemistry.....				81.40		81.40		81.40		
Agonomy.....				2,025.63		2,025.63		2,025.63		
Animal husbandry.....				3,155.75		3,155.75		3,155.75		
Botany.....				3,055.84		3,055.84		3,055.84		
Chemistry.....				7,850.84		7,850.84		7,850.84		
Civil engineering.....				4,430.74		4,430.74		4,430.74		
Contingent expense.....				13,083.83		13,083.83		13,083.83		
Creamery.....				2,770.01		2,770.01		2,770.01		
Dairy.....				570.33		570.33		570.33		
Domestic economy.....				2,580.98		2,580.98		2,580.98		
English.....				4,003.35		4,003.35		4,003.35		
Farm.....				15,543.51		15,543.51		15,543.51		
Farm crops.....				2,327.23		2,327.23		2,327.23		
French and German.....				1,405.60		1,405.60		1,405.60		
Geology.....				2,321.25		2,321.25		2,321.25		
History and philosophy.....				321.27		321.27		321.27		
Horticulture.....				4,912.60		4,912.60		4,912.60		
Library.....				2,730.45		2,730.45		2,730.45		
Mathematics.....				4,515.80		4,515.80		4,515.80		

Mechanical engineering.....	11,334.49	4,233.04	11,334.49	4,233.04	7,064.45	
Military.....	491.24		491.24		491.24	
Mining engineering.....	1,118.53	80.25	1,118.53	80.25	1,086.33	
Musio.....	590.60		590.60		590.60	
Physics.....	4,478.87	954.77	4,478.87	954.77	8,533.60	
Political economy.....	48.87		48.87		48.87	
Public grounds.....	1,596.74	91.06	1,596.74	91.06	1,504.66	
Public speaking.....	15,000.00		15,000.00		15,000.00	
Sabbath services.....	1,055.06	160.00	1,055.06	160.00	895.06	
Soils.....	430.86	50	430.86	50	430.36	
Soda.....	1,224.08	803.00	1,224.08	803.00	921.03	
Zoology.....	2,300.40	751.93	2,300.40	751.93	1,534.47	
Veterinary.....	2,394.37	1,787.85	2,394.37	1,787.85	606.42	
Civics.....	44.88		44.88		44.88	
Engineering dean's office.....	247.05	2.85	247.05	2.85	244.20	
State appropriations.....	750.37	243,630.64	342,491.07	243,630.91		889.84
Total.....	\$6,715.48	\$445,436.94	\$448,804.17	\$453,153.33	\$154,531.19	\$2,652.50
Balance support funds.....						5,695.75
Cash to balance as follows:						
Support funds.....	8,850.30					5,695.75
State appropriations.....	750.37					899.84
Miscellaneous accounts.....	9,114.91	852.25	1,762.06			1,762.06
Total.....	\$8,715.48	\$445,789.09	\$445,789.09	\$453,153.33	\$154,531.19	\$8,848.25

STATE APPROPRIATIONS.

	Balance July 1, 1904.	Drawn from State Treas.	Expended During Year.	Balance June 30, 1905.
New Central building.....		\$11,653.15	\$11,653.15	
Pure bred stock.....		144,851.73	144,851.73	
Special building tax.....	\$750.37	28,957.50	28,957.50	
Improvements and current expenses.....		6,715.19	6,715.19	
Central building additional.....		18.43	18.43	
Central heating plant.....		49,925.66	49,913.31	\$12.35
Dairy building, farm and equipment.....		2,004.00	2,124.64	874.36
Engineering experiment station.....		5,600.00	5,462.57	7.13
Good roads experimentation.....				
Total.....	\$750.37	\$342,680.51	\$343,491.07	\$880.84

TREASURER'S REPORT.—STEWARD'S DIVISION.

Account.	Balance July 1, 1904.		Fiscal Year.		Total.		Balance June 30, 1905.	
	Debit.	Credit.	Debit.	Credit.	Debit.	Credit.	Debit.	Credit.
Damages		\$ 30.81				\$ 30.81		\$ 30.81
Hospital			\$ 3,473.20	\$ 5,804.73		\$ 3,804.73		\$ 332.58
Fire, lights and incidentals			\$5,605.19	\$5,617.00	\$ 3,473.20	\$5,617.00		11.81
Piano rent			131.50	131.50	\$5,605.19	131.50		
Balance	\$ 30.81		344.39		131.50		\$ 574.70	
Total	\$ 30.81	\$ 30.81	\$ 9,453.28	\$ 20,543.23	\$ 20,133.89	\$ 20,573.53	\$ 574.70	\$ 574.70

REPORT OF THE SECRETARY.

1904-1905.

It is the purpose of this report:

1. To explain the method adopted by the Board of Trustees in handling the finances of the college.
2. To give a brief history of the fiscal operations of the past two years.
3. To show as clearly as may be the present financial condition of the college.

The subject-matter of the report is classified under the following heads:

1. Membership of Board of Trustees and list of committees.
2. Powers of Board and duties of committees.
3. The College Plant.
4. The College Endowment fund.
5. New buildings, improvements and repairs.
6. Other special appropriations by the state.
7. Support funds.
8. Total receipts and disbursements for the biennial period.
9. Available resources for 1905-1906 and how same are to be used.
10. Graduates and degrees.

BOARD OF TRUSTEES

Ex-Officio—Hon. Albert B. Cummins Governor of Iowa.

Ex-Officio—Hon. John F. Riggs, Superintendent of Public Instruction.
Term Expires.

First District—Hon. H. M. Letts, Columbus Junction	1910
Second District—Hon. Vincent Zmunt, Iowa City.....	1910
Third District—Hon. E. A. Alexander, Clarion.....	1908
Fourth District—Hon. Ellison J. Orr, Waukon.....	1910
Fifth District—Hon. W. R. Moninger, Marshalltown.....	1906
Sixth District—Hon. W. O. McElroy, Newton.....	1908
Seventh District—Hon. W. K. Boardman, Nevada.....	1906
Eighth District—Hon. Geo. S. Allyn, Mt. Ayr.....	1910
Ninth District—Hon. James H. Wilson, Adair.....	1908
Tenth District—Hon. J. B. Hungerford, Carroll.....	1906
Eleventh District—Hon. W. J. Dixon, Sac City.....	1906

OFFICERS OF THE BOARD.

Hon. J. B. Hungerford, Carroll.....	Chairman
E. W. Stanton, Ames.....	Secretary
Herman Knapp, Ames.....	Treasurer
W. A. Helsell, Odebolt.....	Financial-Agent
Ben Edwards, Ames.....	Custodian

STANDING COMMITTEES.

(a). General Committees.

Committee on Faculty and Courses of Study—Trustee McElroy, Supt. Riggs, Trustees Hungerford, Dixon, Alexander, and Zmunt.
 Finance Committee—Gov. Cummins, Trustees McElroy, Hungerford, Alexander, Allyn, and Dixon.
 Building Committee—Trustees Dixon, Hungerford, Letts, Moninger, and Wilson
 Committee on Rules—Trustees Orr, Zmunt, and McElroy.
 Committee on Bonds and Contracts—Trustees Moninger, and Wilson.
 Committee on Endowments—Trustee Allyn, Governor Cummins, and Trustee Moninger.
 Purchasing Committee—E. W. Stanton, Herman Knapp, W. H. Meeker, and Trustees McElroy and Orr.

(b). Department Committees.

Committee on Agriculture—Trustees Letts, Boardman, Moninger, Allyn, Orr, and Governor Cummins.
 Committee on Engineering Departments—Trustee Zmunt, Supt Riggs, Trustees Orr, McElroy, and Dixon.
 Committee on Scientific Departments—Trustees Alexander, Riggs, Allyn, Orr, and Boardman.
 Committee on Literary Departments and Library—Trustees Wilson, Zmunt, Supt. Riggs. Trustees Boardman, and Alexander.
 Committee on Public Grounds and Assignment of Rooms—Trustees Hungerford, Zmunt, and Letts.
 Committee on College Hospital and Sanitary Arrangements—Supt. Riggs, Trustees Zmunt, and Wilson.

POWERS OF BOARD AND DUTIES OF COMMITTEES.

The powers of the Board in the financial management of the College are stated succinctly in the Code as follows:

The Board shall have power—

1. To manage and control the property of the college and farm, whether real or personal.
2. To direct the expenditure of all the appropriations the General Assembly shall from time to time make to said College and farm, and the income arising from the congressional grants and all other sources.

The President of the College submits to the Board at its annual meeting a written report upon the needs of the different departments, together with his recommendation as to how the funds available for the year shall be apportioned. The department committees of the Board consider and report upon those matters which relate especially to the

departments of which they have charge. Their recommendations when they involve the expenditure of money, are referred to what are known as the general committees of the Board whose membership represents all sides of college work. These committees also consider the recommendations which come to them directly from the president's report. The following is a list of such general committees with their duties:

1. Committee on Faculty and courses of study, which considers and makes recommendations concerning all matters relating to the teaching force of the college, or to its courses of study.
2. Finance Committee, which investigates and reports upon all appropriations from college support funds recommended by department committees and upon such other matters relating to college finances as the Board may see fit to place in its hands. It is the special duty of this committee to see that the appropriations from the support fund do not exceed the income of the college.
3. Building Committee, to which are referred all matters pertaining to the erection, repair or improvement of buildings, including appropriations from the annual repair and improvement fund. This committee has general charge, under the direction of the Board, of the disbursement of all building and repair funds.
4. Committee on Rules, which considers and reports upon all propositions for the amendment, repeal or adoption of standing rules for the government of the Board, or the College, in its several departments.
5. Committee on Bond and Contracts, which has charge of the prompt filing of all bonds ordered by the Board, examines all bonds and contracts and reports upon the efficiency of the same. This committee examines all bonds of officers at each annual meeting of the Board and reports all their acts, findings and recommendations to the Board.
6. Committee on Endowments, to which are referred all questions concerning the investment, management or control of endowment funds, or the sale, management or disposition of lands constituting part of the endowment fund of the college.
7. Purchasing Committee consisting of the Secretary of the Board, the Treasurer of the College, a member of the faculty elected by the Board of Trustees, and two members of the

Board appointed by its chairman. It is the duty of this committee to obtain, whenever practicable, competitive bids on all supplies to be purchased by the college. This committee has full authority and it is its duty to purchase or direct the purchase of all supplies, apparatus and equipment necessary for the maintenance of the college and it has full authority as to how, of whom, and by whom these purchases shall be made, and to formulate such methods of handling the business as it shall find to the best interests of the college, subject to such rules as the Board shall enact. No purchase is made by any department, except upon the written consent of this committee.

The trustees are authorized to elect such officers as are required for the transaction of the business of the college, fix their salaries, and prescribe their duties. Much of the detail work is naturally done by such officers. The duties of these officers as well as the character and scope of the work of the standing committees will be further explained in connection with the presentation of the particular part of the business affairs of the college of which they have charge.

The property of the college which the Board of Trustees is empowered to manage and control consists of the College Plant and the College Endowment Fund.

THE COLLEGE PLANT.

The Thirtieth General Assembly appropriated to the college the sum of \$22,000 with which to purchase additional land as a dairy farm. Contracts have been made by the Board under which the college will obtain 190 acres advantageously situated for \$19,260. Certain improvements to be made by the present owner are to be paid for by the college, which will slightly increase this amount. The Executive Council has begun condemnation proceedings under which an additional ten acres greatly needed because of its location, will probably be secured at a cost of \$2,100. The foregoing items, together with the cost of condemning the latter tract will exhaust the appropriation. Since the 190 acres is contracted for and the appropriation for its purchase will be available in the near future, it is listed as a part of the college domain. The figures used in the exhibit which follows represent present value rather than original cost. They convey a fairly correct idea of what the college plant is worth.

SUMMARY OF COLLEGE INVENTORIES.

Farm property, 58,138 acres at \$100.....	\$ 58,138.00
Dairy farm, 190 acres,.....	19,260.00
Experiment Station grounds, 60 acres at	
\$100	6,000.00
Plots for Horticultural Experiments, 13	
acres at \$85	1,105.00
Orchard and Arboretum, 25 acres at \$100	2,500.00
College Campus, 125 acres at \$100.....	12,500.00
College Park, 37 acres at \$60.....	2,220.00

Total for 1,031.38 acres.....

101,723.00

Buildings—

Central Building when completed, including	
furnishings.	407,000.00
Margaret Hall	60,000.00
Morrill Hall	40,000.00
Chemical and Physical Building.....	35,000.00
Music Hall	5,000.00
Chime and Clock Tower	7,000.00
College Hospital	5,500.00
Office Building	7,000.00
Book Department Building	1,800.00
Boarding Cottages	10,000.00
Engineering Hall (not including furnish-	
ings)	195,000.00
Engineering Laboratory	12,000.00
Carpenter Shop	5,000.00
Forge Shop	5,000.00
Power Station	7,000.00
Old Pumping Station Plant	500.00
Fire Department Building	400.00
Foundry Store House	75.00
Greenhouses	19,000.00
Horticultural Laboratory	8,000.00
Veterinary Hospital	8,000.00
Agricultural Hall	110,000.00
Dairy Building	55,000.00
Horticultural Barn	5,500.00
Cattle Barn	15,000.00
Feeding Sheds	2,500.00
Experiment Station Barn	18,000.00
Horse Barn and Stock Judging Pavilion..	15,000.00
Corn and Stock Judging Pavilion	13,000.00
Hog House	1,500.00
Movable Hog Houses (fifteen)	500.00
Sheep Barn	1,500.00
North Hall	2,500.00

Residences occupied by—

President Storms	13,000.00
Professor Curtiss	5,000.00
Professor McKay	2,500.00
Professor Bissell	2,500.00
Professor Summers	2,500.00
Professor Noble	3,000.00
Professor Stanton	5,000.00
Professor Marston	4,500.00
Professor Holden	1,500.00
Horticultural Foreman	1,000.00
Experiment Station Foreman	1,000.00
Farm Laborer	800.00
Boarding Club	800.00

Total buildings.....	1,121,375.00
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General Equipment—

Waterworks, including water tower, deep well, pumping machinery and piping system	36,500.00
Power Plant, including three boilers, four high-speed engines, piping, boiler and engine room appliances, etc.....	15,000.00
Electric Light, including switch board appliances, pole line and transformers..	7,000.00
Sewage System	5,500.00
Sewage Disposal System	3,000.00
Office Building Furniture	1,044.50
Furniture of Public Rooms	4,405.00
College Hospital Furniture	1,035.25
Boarding Department	228.30
Fire Department	1,525.00

Total General Equipment	75,238.05
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DEPARTMENT EQUIPMENT.

Experiment Station—

Bulletin Rooms	374.15
Agronomy Section	2,180.80
Animal Husbandry Section	7,182.00
Horticultural Section	961.30
Chemical Section	4,689.43
Botanical Section	778.60
Dairy Section, including Bacteriology.....	856.99
Entomological Section	1,567.05
Veterinary Section	848.33
Photographic Section	651.53

Total Station Equipment	20,090.18
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Farm Department	32,568.75
Agronomy Department	712.74
Farm Mechanics Department	12,775.63
Farm Crops Department	922.47
Soils Department	4,547.49
Animal Husbandry Department	1,165.92
Dairy	327.79
Creamery	535.75
Horticultural Department	1,098.80
Veterinary Department	2,944.93
General Chemistry	15,583.56
Zoology	16,440.89
Botany	20,326.10
Physics and Electrical Engineering, including Equipment and Furniture	26,289.21
Civil Engineering, including Equipment and Furniture	15,415.42
Mechanical Engineering, including Equipment and Furniture	31,914.65
Mining Engineering and Geology, including Equipment and Furniture	12,107.47
Domestic Economy	1,730.15
Military Department	275.50
Public Grounds	156.05
Library	55,000.00
Music Department	2,049.00
Pipe Organ and Piano	1,750.00
Chimes and Clock	9,000.00

Total Department Equipment....	265, 638.27
Total value of College Property, exclusive of Endowment Fund.....	\$1,584,064.50

THE COLLEGE ENDOWMENT FUND.

The endowment fund amounts to \$683,708.53. It is accounted for as follows:

Invested in land	\$ 4,162.63
Invested in farm mortgages	676,800.00
Cash awaiting investment	2,745.89
Total	\$683,708.52

Land to the amount of 680 acres has been patented during the biennial period. This land was leased in the early days of the institution upon ten year leases which gave to the lessee the right of purchase at the expiration of his lease at the original low valuation. The leases

bore 8 per cent interest, payable in advance. Since it was considered a good investment of college funds many leases, as they expired, were renewed; but of course at the old appraisement, as any attempt to increase the valuation would naturally have led the lessee to exercise his right of purchase. The leases now in existence have been renewed a number of times and the college investment in each is very small as compared with the market value of the land. The payments on account of the land patented during the two years amount to \$2,990, which sum has been remitted by Agent Knapp to the State Treasurer and credited by him to the financial agency. The following is the unpatented land:

1. A tract of 40 acres in Polk county obtained under foreclosure and costing the college	\$2,418.55
2. Three tracts containing 336.02 acres, belonging to the original grant, leased in the early days of the college, with privilege of purchase. College interest in same..	1,744.08
Total investment in land.....	\$4,162.63

The Polk county tract is managed directly by the Board and is at present leased on short time at \$85.00 per annum. The other tracts are under the management of Agent Knapp and yield 8 per cent each year, on the college investment in the land. The balance of the endowment fund, amounting to \$679,545.89, is under the charge of the financial agent, W. A. Helsell of Odebolt.

The following exhibit shows the operations of the agency during the biennial period:

Uninvested balance at the beginning of the period.....	\$	105.89
Loans paid during the two years		163,150.00
Lands patented and proceeds credited to the Agency.....		2,990.00

Total to be loaned.....\$166,245.89

The agent has loaned during the two years:

On 6% mortgages	\$23,800.00
On 5½% mortgages	23,300.00
On 5% mortgages.....	163,500.00

Leaving balance uninvested—

In hands of State Treasurer3,245.89

Subtracting amount temporarily advanced by

Agent Helsell 500.00 2,745.89

Total \$166,245.89

Loans amounting to \$38,850 were renewed during the year, making a total of new and renewed loans of \$202,350.

The following shows the present condition of the endowment fund as a whole: ,

Land under lease at 8%	\$ 1,744.08
Polk county tract at \$85 per annum	2,418.55
Farm mortgages bearing 7% interest	11,100.00
Farm mortgages bearing 6% interest	105,950.00
Farm mortgages bearing 5½% interest	23,300.00
Farm mortgages bearing 5% interest	536,450.00
Total yielding income	\$680,962.63
Balance uninvested	2,745.89
Total Fund	\$683,708.52

For some reason the borrower under loan No. 749 is delinquent in both principal and interest. The loan has been ordered foreclosed. The principal of the loan is \$2400. The security is a farm of 160 acres in Clay county valued at \$5600, with buildings excluded. Two installments of interest are due. Aside from this there are only two other loans No. 662 and No. 672 on which the interest, which amounts to \$258, is delinquent. This is a pretty fair showing considering the amount of the fund.

Prior to 1882 the endowment fund could be invested only in stocks of the United States, or of the states, or some other safe stocks. In that year congress passed an act permitting Iowa to loan the fund on real estate security. The state being responsible to the national government for any loss of the principal of the fund the general Assembly hesitated to avail itself of the privilege thus granted. After most careful consideration the present law, with its many safeguards was enacted. Under its provisions the fund itself is deposited with the state treasurer who is also custodian of the bonds, mortgages and other papers connected with the loans. The loans are negotiated by a financial agent, appointed by the trustees who gives a bond of \$50,000. He is allowed an annual salary of \$1200 and a limited sum to cover his office expenses, both of which amounts are paid by the state, out of its treasury, as provided in the national law. The agents drafts are countersigned by the Secretary of the Board and the papers connected with each loan pass through the secretary's office. The state treasurer makes monthly report to the secretary of all principal and interest collected. The secretary is thus enabled to keep an account with each officer, having to do with the fund, and his books show at all times the condition of each loan. During the life of the agency a total of \$1,765,575. 80 has been loaned. Only two mortgages have been foreclosed, both of which have resulted in increasing the amount of the endowment. The wise and conservative management of the fund is a credit to the college and the state. Its safety under the present law seems assured.

The loans and renewals during the biennial period, as already shown, amount to \$202,350. The cost of the agency including salary of agent and office expenses, amounts to \$3,047.27 for the two years.

NEW BUILDINGS, IMPROVEMENTS AND REPAIRS.

1903—1905

The expenditures for buildings, improvements and repairs during the biennial period were as follows:

Completion of Engineering Hall.....	\$	3,965.86
Addition to Agricultural Hall, the Stock Judg- ing Pavillion, and the greenhouses, includ- ing fixtures and equipment		89,243.44
Central Building		190,628.99
Dairy Building and Fixtures		49,918.31
Central Heating Plant		76.42
Remodeling Chemistry Laboratory.....	12,973.36	
Horticultural Barn and Implement shed....	6,213.89	
Agricultural Hall, Improvements and repairs.	2,923.63	
Improving and repairing heating, lighting and water supply system	4,885.73	
Other repairs and improvements specified hereafter	18,776.89	45,773.50
Total		<u>\$379,606.52</u>

The funds to meet these expenditures were derived from the following sources:

From the State	\$376,270.52
From tuition paid by students living outside the State....	3,336.00
Total	<u>\$379,606.52</u>

The particular legislative appropriations involved, and an account of their expenditure, are given under the special headings which follow:

ENGINEERING HALL.

Special Building tax	\$3,965.86
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This building was very near completion at the beginning of the biennial period. The elevator remained to be installed and a little additional work upon the heating, lighting and plumbing system needed to be done. The following is a summary of the expenditures coming within the time covered by this report:

Elevator and installing same	2,808.29
Wiring	203.03

Drawing boards	185.85
Heating, plumbing and blackboards	153.07
Architect's fee, balance in full.....	563.57
Tinting front hallway	50.00
Freight and express	2.05
Total	\$3,965.86

The completed building including the heating, lighting and plumbing system and all fixtures, fittings and furnishings cost \$218,647.61.

NEW AGRICULTURAL BUILDINGS.

Special Building Tax\$89,243.44

These improvements include a fire proof addition to Agricultural Hall, a two-story stock and grain judging pavilion, additional feeding sheds for the departments of Horticulture, Agronomy and Soils, and an insectary for the Entomological Section of the Experiment Station. While most of the expenditures for these improvements come within the biennial period ending June 30th, nearly all the contracts relating thereto were made in the period just preceding. A full statement regarding them will be found on pages 92 to 95 of the last biennial report also an itemized account of the expenditures included in that biennial period. The following exhibit shows the expenditures for the past two years:

Balance on C. E. Atkinson's contract for the erection of addition to Agricultural Hall, the Stock Judging pavilion and the green- houses		
Amount of contract	\$53,752.00	
Less amount paid	5,265.00	\$48,487.00
Extras covering items omitted from original contract		2,527.16
Atkinson's contract for erection of insectary...	1,982.00	
Less amount charged Station Fund.....	750.00	1,232.00
Atkinson's contract for erection of feeding sheds	1,565.00	
Less amount paid	630.00	935.00
Iowa Manufacturing Company's contract for heating and plumbing	13,972.00	
Extras by contractor	268.83	14,240.83
Additional by College.....		24.03
Phoenix Furniture Company's contract for spe- cial furniture	7,225.00	
Extras	22.50	7,247.50

SECRETARY'S REPORT.

117

Des Moines Manufacturing & Supply Company		
contract for shop equipment	6,335.00	
Extra equipment purchased	465.53	6,800.53
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Martin-Culbertson Company's contract for chairs		
and stools		1,714.00
Baker-Trisler Company's contract for filing		
cases		315.95
Campbell Heating Company's contract for		
judging pavilion furnace		
Amount of contract	535.00	
Deduction	15.79	
<hr/>		\$ 519.21
Kimball Bros. Company's contract for elevator		
735.00		
Extras—foundations, etc	34.80	
Work and material furnished by college.....	58.12	827.42
L. Harbach's contract, curtains.....		177.85
Moving and installing heating plant—brick		
mason at 50cts per hour, carpenters at		
30cts per hour, students labor at 12½ to		
15cts per hour		1,192.79
Moving buildings at 25cts per hour.....		439.33
Inspection at 20cts per hour		112.90
Architect, 3 per cent for plans, specifications		
and general superintendence		2,150.75
Surveying and cement testing at 20cts per hour		21.25
Drainage		49.89
Flooring and shelving in south-east basement		
floor		86.00
Moving potting house		12.15
Fire doors		48.35
Advertising in trade journals at 5cts per line		
per insertion; testing cement at 20cts per		
hour; telephone, telegrams, express.....		36.13
Traveling expenses as follows:		
Expenses of Prof. Holden, two trips to Des		
Moines to consult architect regarding plans		
for stock judging pavilion	8.54	
Expenses Trustee Dixon, chairman building		
committee, trip to Des Moines and Chicago		
to confer with architect and contractor..	36.88	45.42
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Total		\$89,243.44
The expenditures on account of these improvements prior to the		
last biennial period as shown in the secretary's report		
amounted to		\$ 6,574.42
Adding the expenditures during the last biennial period....		89,243.44
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We have as the cost to the State of the completed buildings \$95,817.86		

THE CENTRAL BUILDING.

Funds	Amount Expended
Appropriation of 29th General Assembly for beginning building	\$35,000.00
Special building tax	148,913.80
Appropriations of 30th General Assembly for completion of building	6,715.19
Total	\$190,628.99

A history of the initial steps in the erection of this building is given in the last biennial report, pages 89 to 92. At the time that report was written a contract had been entered into with Mr. H. W. Schlueter of Chicago, to erect the building for \$262,000. In order to bring the cost down to these figures a number of important features had been omitted from the architect's original designs. The trustees appealed to the last legislature for an appropriation to restore the most important of these items and to provide for the heating, lighting and plumbing and the necessary fixtures and furnishings. The general assembly appropriated the following sums:

For restoring dome (dome, attic story, east portico, four pilasters on the west side and the pediment over the same)	\$22,000.00
For restoration of granite instead of Bedford stone for base and steps	12,000.00
For heating, lighting, plumbing and fixtures	29,000.00
Furnishings	32,000.00

In the matter of the dome the Board availed itself of an option in the Schlueter contract in which he agreed to build the same for \$22,500. The \$500 in excess of the appropriation was ordered charged to the Special Building Tax fund. An agreement was entered into with Mr. Schlueter in which he consented to substitute granite for Bedford stone in the base and steps, for the amount of the appropriation, \$12,000. Plans and specifications were prepared by the architect for the heating, ventilating and plumbing systems, and bids secured. These bids which were opened by the Board at its meeting in July, 1904 were all in excess of the funds available. The plans were modified, and new bids secured which were opened at the Board meeting in September. The bids for heating and ventilating ranged from \$19,400 to \$23,400 and those for plumbing from \$13,400 to \$14,800. L. H. Kurtz & Company offered to install the heating and ventilating systems and do the plumbing for actual cost plus 10 per cent for superintendence. All bids were rejected and the Chairman of the Building

Committee was directed to consult with the Kurtz Company. The Company submitted a new proposition in which they agreed to furnish all the necessary material and labor mentioned in the specifications and shown in the drawings of the architect at net cost plus 10 per cent of such net cost for superintendence and use of tools; the college to have the advantage of all trade and cash discounts. The Company also agreed to guarantee that the cost to the college would not exceed \$26,800, the amount of the lowest bids on the work after deducting \$6000 for omitting certain marble work in the toilet rooms. A contract was made with the company upon this basis. Professor Bissell reports that considerable plumbing in addition to that included in the contract has been found necessary but that the cost of the entire work, extras included will probably not exceed the \$26,800 originally specified. This will leave \$2200 of the special legislative appropriation of \$29,000, which amount will be applied on wiring the building.

The Board at its meeting in May, 1905 authorized the architect to prepare plans and specifications for the furnishings for Central Building provided for by the legislative appropriation of \$32,000. The plans were prepared and adopted. Strict orders were given that the total cost should not exceed the amount of the appropriation.

The following exhibit shows the amounts expended on account of the Central Building during the biennial period:

Charged Special Appropriation of 29th General Assembly for commencing building:		
Payments on Schlueter's contract		85,000.00
Charged Special Building Tax.		
H. W. Schlueter's contract for erection of building	140,203.76	
Proudfoot & Bird, architects' fee	4,500.00	
Extra excavation and water pipes, excavation at 17½cts per hour	113.72	
Expenses of professors inspecting other institutions for the purpose of planing laboratories—		
Prof. L. H. Pammel, trip to Washington, Chicago, Philadelphia, New York, New Haven, Boston, Geneva and Ithaca, investigating laboratories	75.87	
R. E. Buchanan, trip to Minneapolis, Madison, Chicago, Lansing and Ann Arbor for the same purpose	25.16	101.03
Expenses of Trustees in connection with building—		
Chairman Dixon, one day in Chicago, consulting about stone	3.00	
Chairman Dixon, trip to Chicago and Milwaukee		

to confer with Contractor Schlueter about material and change of contract	31.80	
W. O. McElroy, trip to Chicago to confer with Contractor Schlueter regarding material and changes in contract	28.52	62.32
Superintendent's stenographer and clerk.....	731.24	
Making estimates and inspecting at mills and upon building, local inspector paid 20cts per hour	1,120.17	
Testing cement at 20c per hour.....	170.43	
Moving boilers from present site of central building, mason at 50cts per hour, cleaning brick at 10 to 15cts per hour, plumbers at 25cts per hour, wiring at 20cts per hour.....	943.22	
Central Building drain	856.04	
Advertising, telephone, telegraph, freight, express and drayage	104.82	
Surveying a site at 20 cts per hour.....	6.05	3,931.97
Charged special appropriation of the 30th General Assembly for completion of building:		
L. H. Kurtz Company on contract of \$26,800 for installation of heating and ventilating plant	5,251.75	
Heating, lighting, wiring and plumbing (exclusive of above named contract).....	1,325.73	
Helping electrician at 15 to 20cts per hour, electricians 25cts per hour, plumbers 25cts per hour; telegrams, telephone, freight, express, drayage, stationery	98.51	
Advertising for bids	39.20	6,715.19
Total for biennial period.....		\$190,628.99

The following exhibit shows the probable cost of the completed building. It includes the heating, lighting and plumbing systems and all fixtures and furnishings necessary to equip the building for use.

H. W. Schlueter's original contract for the erection of the building	262,000.00
Extra for restoring dome, attic story, east portico, four pilasters on the west side and the pediment over the same	22,500.00
Substitution of granite for Bedford stone in base and steps	12,000.00
Substitution of tile for composition roofing (including tile for dome).....	3,100.00
Substitution of marble stair treads for slate treads	750.00

Substitution of scagliola for Keene's cement columns and pilasters	5,000.00	
Substitution of terrazzo for cement floors in corridors of ground floor and first and second stories	4,200.00	
Miscellaneous extras on building contract (estimated)	3,000.00	312,050.00
L. H. Kurtz Company's contract for installing heating, ventilating and plumbing systems.		26,800.00
Motors for running ventilator fans to be furnished by the college		800.00
Holbrook Mantle and Tile Co.'s contract for marble work in the four boiler rooms on the ground floor and in room 113 first floor.....		4,050.00
S. A. Berkemeyer's contract for blackboards....		1,692.00
Wiring the building for electric lights, including conduits; work done by the Mechanical Engineering department (estimated)		5,700.00
Contract with the Mitchell Vance Company for electric light fixtures		3,000.00
Art Metal Construction Company's contract for putting in steel balcony and steel filing cases in treasurer's vault		1,742.30
Yunker Bros. contract for window shades....		358.00
Architect's fee on building (including heating, lighting, and plumbing systems and extras) 3 per cent of cost		10,340.00
Expenses of Botanical professors in inspecting other institutions for the purpose of planning laboratories		101.03
Expense of trustees in connection with building Superintendent's office expenses, including stenographer and clerk		171.85
Making estimates and inspecting at mills and upon building		975.00
Moving old heating plant from present site of building		1,480.00
Drain for building		1,072.91
Testing cement, and extra excavation in basement		856.04
Surveying site, advertising for bids, telephone, telegraph, freight, express and drayage, estimated		283.72
Book shelves and fixtures for president's room and History and English Depts.....		200.00
Tinting walls		662.00
Furnishings, estimated at amount of state appropriation		1,600.00
Miscellaneous extras on heating, lighting, plumb-		32,000.00

ing and fixtures	500.00
Total cost of building completed and furnished	\$406,934.85
The amounts will be charged to the several funds as follows:	
Special appropriations for beginning building...	35,000.00
Special building tax	276,934.85
Special fund for completing and finishing building	95,000.00
Total	\$406,934.85

DAIRY BUILDING, FARM AND EQUIPMENT.

The 30th General Assembly appropriated to the college the sum of \$84, 500.00 to be used as follows:

For Dairy Building	\$45,000.00
For equipment of Dairy Building	10,000.00
For land	22,000.00
For herd, equipment of Dairy Farm	7,000.00
For poultry and equipment of Dairy Farm	500.00

It was provided in the Appropriation Act that not more than \$550,000 of the amount appropriated should be paid before July 1st, 1905. This was evidently intended to cover the erection and equipment of the Dairy Building. The Board at its meeting in April, 1904 employed architects Proudfoot & Bird of Des Moines to prepare plans and specifications upon the basis of 3 per cent of cost for all service rendered, including general oversight of construction. Plans for the building were drawn and approved, and bids secured. These bids were opened by the Board at its meeting in June, 1904. They ran as follows:

Henry W. Schlueter	\$47,800.00
Marcus M. Hall	59,000.00
John R. Geir	55,841.00
E. W. Nichols & Company	59,787.45

Mr. Schlueter offered to erect the building with concrete system of fire-proofing instead of Columbian, the same to accord with the architects' specifications, to be subject to satisfactory test by the Board, and to be approved by the college engineer, Professor Marston, for the sum of \$45,800.00. The bidders submitted figures upon deductions they would make provided certain changes were made in the plans and specifications. Mr. Schlueter's deductions amounted to \$2,608.00, the others ran in order as follows:--\$1,280.00, \$2,520.00 and \$2,200.00. Subtracting Mr. Schlueter's proposed deductions from his proposition

based on the concrete fire-proof construction, and his bid amounted to \$43,192.00. This bid was accepted and contract made in accordance therewith. The amount of the contractor's bond was fixed at \$11,000.00 and was furnished by the U. S. Fidelity and Guaranty Company of Baltimore, Maryland. Dean C. F. Curtiss was appointed local superintendent of construction.

In the matter of heating and plumbing for this building, plans and specifications were prepared by the architects and bids submitted to the Building Committee. Those first submitted exceeded the amount available and new bids were secured based on modified plans. These were opened by the Committee on November 10, 1904 and found to run as follows:

	Plumbing	Heating
Sanitary Heating & Plumbing Co.....	\$4,300.00	\$2,830.00
L. H. Kurtz Company	3,837.00	2,487.00
Wallace & Linnane	4,153.00	2,358.00

Contracts were let to the lowest bidders as follows:

L. H. Kurtz Company, plumbing	\$3,837.00
Wallace & Linnane, heating	2,358.00

Bonds of approved surety companies in the sum of \$1000 and \$600 were furnished. An agreement was entered into with the Powers Regulator Company to install their pipe system of automatic regulation of temperature for the sum of \$350.00. The Mechanical Engineering Department of the college was authorized to wire the building for electric lights and procure drop cords at a cost not to exceed \$500.00. It being necessary to install, in advance of other fixtures, certain laboratory tables in order that the plumbers might go ahead with their contract, bids were secured on fourteen pieces of such special furniture. These bids were opened by the Building Committee April 5, 1905 and ranged as follows:

Martin-Culbertson Company	\$1,500.00	..
National Wood works	1,620.00	
Northwestern Furniture Company	1,631.90	
Toledo Desk & Fixture Company	1,344.00	

The contract was let to the last named firm at their bid of \$1,344.00.

Bids on the remainder of the special laboratory furniture and on most of the other fixtures and furnishings were received and opened by the Board May 11, 1905.

The following are the bids:

	Filing Cases	Chairs Stools and Desks	Special Laboratory Furniture	Window Shades
Martin-Culbertson Co			\$2,937.80	
Toledo Desk & Fixture Co....			2,963.35	
Northwestern Furniture Co....	\$775.00	\$780.00	4,277.00	
Harris-Emery Co..				\$274.00
Baker-Trisler Company	760.75	687.54		

Contracts were awarded as follows:

Martin-Culbertson Company, special laboratory furniture....	\$2,937.80
Harris-Emery Company, window shades	274.00
Baker-Trisler Company, filing cases, stools, chairs and desks..	1,448.29

Martin-Culbertson Company refused to sign the contract awarded them because they would be obliged to wait for payment until May 1, 1906, when funds would become available. The offer of the Toledo Desk and Fixture Company to take the contract for \$2,937.00 was accepted. With this change the contracts were signed up.

The Board received a number of propositions for installing a refrigerating machine in the Dairy Building. It being very difficult to make an intelligent comparison of these propositions because of the difference in the plan and construction of the various machines, a special committee consisting of Professors Meeker and McKay and Wilson was appointed to purchase such machine as they considered best, after a full investigation. The committee awarded contract to the Vilter Manufacturing Company of Milwaukee, Wisconsin, on their bid of \$3,220.00. Kimball Brothers Company of Council Bluffs were given the elevator contract at \$1,100.00. Only a portion of the work covered by these contracts is included in the expenditures of the last biennial period. The following exhibit shows the total payments made during that time:

Advertising	\$ 31.53
Freight, express and telephone	10.11
Testing cement	39.55
Grading	6.80
Inspection and surveying	154.50

Schlueter's Contract—

Amount of contract	\$43,192.00	
Reserved	3,050.00	
Amount paid		40,142.00

Extras on Schlueter's Contract—

Amount of extras allowed	2,182.46	
Deduction because of change in roof tile.....	700.00	1,482.46

Wallace & Linnane, Heating Contract—		
Amount of contract	2,358.00	
Deduction under agreement.....	50.00	2,308.00
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Other bills against the heating system		31.63
Powers Regulator Co.—		
Pipe system for automatic regulation of temperature ...		350.00
L. H. Kurtz Plumbing Contract—		
Amount of contract	3,837.00	
Unpaid	487.00	3,350.00
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Other plumbing bills		2.62
Electric lighting		477.86
Architects' fee (estimated)	2,000.00	
Unpaid.....	519.00	481.00
<hr/>		
Steel bars for floors and other extras.....		50.25
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Total.....		\$19,918.31

The following exhibit shows the probable cost of the completed building:

H. W. Schlueter's contract	\$ 43,192.00
Extras on Schlueter's contract, due largely to change and modification of building.....	2,686.45
Less deduction because of change in tile.....	700.00
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Wallace & Linnane, heating contract, less \$50.00 deduction	2,308.00
Powers Regulator Company, system for regulation of temperature	350.00
L. H. Kurtz Company, plumbing contract.....	3,837.00
Electric wiring and drop cords.....	557.81
Toledo Desk & Furniture Company's contracts for special laboratory furniture	4,281.00
Harris-Emery Company's contract, shades.....	274.00
Baker-Trisler Company's contract for filing cases, stools, chairs and desks	1,448.29
Vilter Manufacturing Co.'s contract for refrigerating plant	3,220.00
Foundations and connections for ice machine..	477.80
Belting, hangers and shafting (estimated)....	285.00
Creamery vats, tin conductors and pump.....	310.00
Covering refrigerator pipe and additional plumbing needed	600.00
Kimball Bros. Company's contract for elevator.	1,100.00
Gates for elevator	200.00
Electric Motors, generators and cables (estimated)	3,500.00
Electric light fixtures, switchboard and meters..	350.00
Robbins Mfg. Company's contract for screens..	267.00

Grand Rapids School Furniture Works Co.'s contract for recitation room chairs	510.00
Architects' fees (estimated)	2,000.00
Advertising for bids	31.53
Inspection and surveying	164.50
Freight, express and telephone	11.15
Testing cement, grading, extras on heating system, extras on plumbing, steel bars for floors, door checks, and other minor extras	251.53
Total cost of completed building.....	<u>\$ 71,502.56</u>

Payable from the following funds:

Special appropriation of 30th General Assembly (building and fixtures)	\$ 55,000.00
Special building tax	16,152.56
Total	<u>\$ 71,152.56</u>

As already explained under the head of the "College Plant" contracts have been made under which the college will secure with the state appropriation of \$22,000.00 a Dairy Farm of 200 acres. No portion of this appropriation nor any part of the amount appropriated for a dairy herd or the equipment of the farm were paid out during the biennial period.

CENTRAL HEATING PLANT.

The last legislature appropriated for this purpose the sum of \$54,500.00 to be used as follows:

For central heating plant and chimney.....	\$25,000.00
For equipment for central heating plant, tunnel to central building and Morrill Hall, and for wreckage of old building and transferring boilers to new building.....	29,500.00

The Trustees employed Architects Proudfoot & Bird to draw plans and specifications for the heating station and chimney. Professor Bissell was authorized to prepare plans and specifications for the station equipment, the tunnel and all pipe connections. Bids upon the station, chimney and tunnel were opened by the Board at its meeting in January, 1905, The following were the bids:

	Heating Plant.	Tunnel.
H. W. Schlueter	\$37,200.00	\$10,549.00
E. W. Nichols	53,576.00	

The bids, being in excess of the amount available, were rejected and the Building Committee was directed to secure new bids. These

were opened at the March meeting of the Board and were as follows:

	Heating Plant.	Tunnel.
H. Ellenberger & Company	\$42,658.00	\$ 9,225.00
C. E. Atkinson	45,519.00	13,987.00
W. J. Zitterell	43,088.00	
Wm. Hamilton	43,523.00	
Schillinger Brothers		20,000.00
Wm. Horrabin		10,910.40
Cedar Rapids Paving & Construction Co..		11,500.00

A letter was recieved from H. W. Schlueter renewing his bid submitted at the January meeting.

All bids were rejected for want of funds. It will be noticed that the following were the lowest:

H.W. Schlueter, on heating plant	\$37,200.00.
H. Ellenberger & Company, on tunnel.....	9,225.00
Total	<u>\$46,425.00</u>

If these bids had been accepted the balance of the appropriation available for the remainder of the work would have been \$8,075.00 This would have been utterly insufficient for the purchase and setting of boilers, the installing of the pipe system, coal conveying machinery engines, dynamos and the other necessary equipment. Another difficulty arose, out of the location of the plant. The appropriation was made upon the supposition that the plant would be located near the present power station, or north of Margaret Hall. Further consideration convinced the trustees that neither of these sites would be desirable. The one now favored lies east of the Experiment Station Barn, on low land where gravity returns can be secured from all the buildings on the campus. The Board, after careful investigation, decided to give up the idea of trying to erect the plant with the means at its command and to make such temporary provision for the heating of the new Central Building as the circumstances seemed to require. The following plan was adopted:

1. To build a tunnel from the present power station to the Central Building and Morrill Hall.
2. To purchase two boilers to be temporarily installed at the present power station and to erect a temporary shed for their protection and for the protection of coal to be used at the plant.
3. To install the necessary pipe system and purchase such additional power station equipment as may be needed to carry out the purpose of the temporary use of the plant.

The expenditures during the last biennial period amount to only

\$76.42 and cover advertising for bids, surveying and draughting, telegrams, telephone, stationery and express.

To carry out this plan of the Board will involve an expenditure of some \$21,200.00, divided as follows:

Cost of tunnel	\$ 6,000.00
Boilers in connection	5,030.00
Piping	4,950.00
Setting boilers, smoke-stack, boiler and coal shed and power station equipment	5,000.00
Inspection	220.00
Total	\$21,200.00

The tunnel, boilers and piping will constitute a part of the final heating system. There will be some salvage on the other items, but the loss resulting from the temporary construction will approximate \$5,000.00. Deducting this from the appropriation of \$54,500.00 there remains \$49,500.00 which can be considered as available to apply on the cost of the permanent plant.

The following shows the amount needed to complete the work:

Building and chimney	\$ 40,000.00
Boilers	10,000.00
Stokers	5,000.00
Conveyers	8,000.00
Economizers	5,000.00
Auxiliaries and piping	5,000.00
Engines and dynamos	15,000.00
Tunnels, mains and branches	30,000.00
Contingent	7,000.00
Additional cost because of change in location	10,000.00
Total	\$135,000.00
Deduct amount of last appropriation available	49,500.00
Additional appropriation needed	\$ 85,500.00

ANNUAL REPAIR AND IMPROVEMENT FUND.

The last General Assembly increased the annual appropriation for repairs and improvements from \$18,500.00 to \$23,000.00. The pro-rata portion of the new fund from the date of the passage of the act to July 1, 1905 amounted to \$937.50. The Board transferred from the Tuition account to this fund the amount of \$3,336.00. The receipts for the two years therefore aggregated \$45,773.50. The expenditures were the same in amount. The following exhibit shows the receipts and expenditures somewhat in detail:

RECEIPTS.

From state appropriations	\$ 42,437.50
From tuition fund	8,336.00
Total	\$ 45,773.50

DISBURSEMENTS.

Remodeling chemistry laboratory	\$ 12,973.36
New horticultural barn	5,689.86
Implement shed	524.03
Insurance on boilers	288.00
Repairs on heating, lighting and water supply system....	4,885.73
Professors' houses, repairing and remodeling	4,562.92
President's house, repair and furniture	2,067.28
Fire extinguishers	156.00
Furniture for public rooms	2,080.36
Agricultural Hall repairs	2,928.63
Morrill Hall repairs	370.76
Engineering building repairs	349.02
Veterinary building repairs	396.08
Margaret Hall repairs	429.41
Horticultural building repairs	153.94
Power station improvements	530.03
Other department buildings	2,980.58
Surveying grounds and preparing campus map	304.55
Farm improvements, fencing, tiling, etc.....	740.66
Farm buildings, repairs	526.45
Sewage disposal maintenance	363.35
Part of custodian's salary at \$1,200 per annum.....	537.50
Part of carpenter's salary at \$50 and \$60 per month....	890.00
Part of engineer's salary	166.60
Part of treasurer's salary	70.64
Part of salary of superintendent of heating, lighting and plumbing repairs	133.28
Salary of secretary of building committee.....	91.66
Repairing campus bridge	40.35
Postoffice boxes	125.00
Miscellaneous repairs	422.47
Total.....	\$45,773.50

The fund available for the coming year is \$23,000.00. The unpaid bills from last year amount to \$3,269.91. A portion of the balance must, of course, be used to meet what might be called fixed charges. The remainder of the fund is at the disposal of the Board to be used in making such repairs and improvements as seem to them most urgent, Including the fixed charges the following sums have been appropriated for the coming year:

Unpaid bills from last year		\$ 3,269.91
Fixed charges—		
One-fourth salary of custodian	300.00	
Two-thirds salary of carpenter	520.00	
Two-thirds salary of second carpenter	200.00	
Part of salary of treasurer for handling funds..	100.00	
Part of salary of college engineer	200.00	
Part of salary of superintendent of heating, lighting and plumbing plant	200.00	
Salary of secretary of building committee and accountant	350.00	
Fires and lights repairs	2,000.00	
Boiler Insurance	144.00	
Maintenance of sewage disposal systems.....	350.00	
Sewer maintenance	50.00	
Ordinary minor repairs of buildings	600.00	5,014.00
Other Repairs and Improvements—		
Electric motors for Agricultural Hall.....	175.00	
Agronomy greenhouse fixtures	70.00	
Heating and lighting horticultural barn.....	15.00	
Repairing straight-line engine	25.00	
Fence on west line of campus	150.00	
Creamery gas plant	30.00	
Campus lights	37.00	
Chapel chairs	500.00	
Defective electric wiring	100.00	
Domestic Economy rooms in Agricultural Hall..	100.00	
Change in pipe at Dairy building	200.00	
Engine "Iowa," freight, unloading and housing	182.00	
Remodeling and repairing cottages	3,500.00	
Drain from Dairy building to hoghouse cistern.	200.00	
Pointing up walls, repairing, plastering and fin- ishing walls in Domestic Economy rooms in Margaret Hall	100.00	
Cleaning and repairing rooms in Margaret Hall	510.00	
Cleaning and repairing walls in college chapel.	200.00	
Repairing and painting gutters and conductors in various public buildings	105.00	
Repairing entrance to greenhouse, drip gutters around dome, roof and gutters	82.20	
Addition to College Bookstore	50.00	
Loose leaf ledger for keeping account of repair fund.....	35.16	
Contract book	24.77	
Room in Agricultural Hall for Domestic Econ- omy department (additional).....	135.00	
Miscellaneous minor repairs in Chemistry build- ing	75.00	

SECRETARY'S REPORT.

131

Office desk and chair, revolving bookcase and linoleum for agricultural office	135.00	
New water main to lower pumping station ...	1,800.00	
Repairing two pianos belonging to Music department	270.00	
Repairing stairs in old Engineering Hall, and plastering where needed	35.00	
Stalls in Veterinary Hospital, reflooring	30.00	
Fitting up store room in basement of Morrill Hall	65.00	
Furniture and fixtures for Agronomy green-houses, pavilion, and corn laboratory	1,500.00	
Table, desks and stoves for Domestic Economy department	44.00	
Rugs for Margaret Hall	100.00	
Grading around Dairy building, and cleaning away rubbish	388.00	
Moving and repairing old Horticultural cottage.	1,000.00	
Ornamental electric light poles	100.00	
Extension to Dairy boiler-room, smoke-stack...	158.49	
Wrecking old Creamery building	156.06	
Cases for department of Zoology	110.00	
Repairs on Farm Cottage	25.00	
Music Hall heating system	275.00	
Professors' houses	175.00	
Plumbing, North Hall	100.00	
Plumbing, Agricultural Hall	100.00	
Chapel floors	500.00	
Water pipe to residence occupied by Professor Stanton	100.00	
Campus map	105.00	\$13,372.68
<hr/>		
Total		\$21,656.59

This leaves a balance of \$1,343.41 to meet the demands for the remainder of the fiscal year. The following askings are already filed with the Building Committee:

Repairing Horse Barn floor	\$ 85.00
Painting Cattle Barn and tight board fence	250.00
Painting open fences	100.00
Extending water pipes to fields north of railroad	175.00
Repairing and building fences	150.00
Tiling	150.00
Slate roof for Agricultural Hall	1,200.00
Wiring Professor Noble's residence	100.00
Fitting up additional room for library	200.00
Steam Heating Plant for Music Hall	650.00
Rug for Music Studio	25.00

Painting and papering Music Hall.....	40.00
Repairing Music Hall porches.....	50.00
Repairing chimney and door, Music Hall.....	10.00
Repairing windows and doors of Morrill Hall.....	60.00
Painting walls and repairing woodwork, Margaret Hall....	500.00
Repairing Margaret Hall furniture.....	125.00
Repairs on Agricultural Hall.....	350.00
Fire hose for various college buildings.....	400.00
Repairing Margaret Hall fire room.....	37.00
Fire proof building for lower pumping station.....	2,000.00
Extension of water mains to southeast campus.....	450.00
Cement testing room	100.00
Repairs, Animal Husbandry.....	50.00
Farm Cottage repairs.....	85.00
Total	<u>\$7,847.00</u>

SPECIAL BUILDING TAX.

The purposes to which this fund has been devoted during the biennial period have been explained in detail in the preceding pages. For convenience they are here summarized, together with the receipts.

RECEIPTS.

Balance in hands of State and College Treasurers.....	\$ 23,545.21
Amount collected during the biennial period.....	247,688.16
Total	<u>\$271,233.37</u>

DISBURSEMENTS.

Paid on Engineering Hall.....	3,965.86
Paid on Agricultural Buildings.....	89,243.44
Paid on Central Building.....	148,913.80
Total disbursed	<u>\$242,123.10</u>
Cash balance in State Treasury.....	29,110.27
Total.....	<u>\$271,233.37</u>

The following is an estimate of the amount of this fund which will be available during the fiscal year ending June 30, 1906.

Cash balance July 1, 1905.....	\$ 29,110.27
Estimated collections for the year.....	124,000.00
Total	<u>\$153,110.27</u>

The probable charges against the fund for the year on account of improvements now under way, will be as follows:

Central Building.....		\$127,217.50
Agricultural Buildings		
Dairy Building.....	\$16,502.56	
Horticultural dwelling	5,000.00	21,502.56
		<u>\$148,720.06</u>

This leaves about \$4,400 not appropriated and would give us the following as the balance available for the construction of shops and the commencement of the Hall of Agriculture, the next building in line.

Estimated balance at end of present fiscal year.....	\$ 4,400.00
Entire collections for the second half of calendar year of	
1906	52,000.00
Estimate of collections for 1907	122,000.00
	<u>\$178,400.00</u>

This same result is reached by a consideration of the total income and expenditures on account of the special building tax for the seven years during which this tax runs.

RECEIPTS.

Proceeds of tax 1901, one-tenth mill	\$ 54,301.04
Proceeds of tax 1902, one-tenth mill	55,000.00
Proceeds of tax 1903, one-fifth mill	111,913.68
Proceeds of tax 1904, one-fifth mill	127,799.32
Proceeds of tax 1905 one-fifth mill (estimated).....	126,000.00
Proceeds of tax 1906, one-fifth mill (estimated).....	122,000.00
Proceeds of tax 1907, one-fifth mill (estimated)	122,000.00
	<u>\$714,014.04</u>

EXPENDITURES.

Engineering Hall.....		\$133,647.61
Agricultural Buildings.		
Experiment Station Barn.....	\$12,858.59	
Addition to Agricultural Hall stock		
judging pavilion, feeding sheds and		
greenhouses	95,817.86	
Dairy Building	16,152.56	
Horticultural dwelling (estimated).....	5,000.00	129,829.01
		<u>276,934.85</u>
Central Building		
		<u>\$540,411.47</u>
		(Partly estimated.)
Leaving a balance to apply on the shops and Hall of		
Agriculture of		\$178,602.57
		<u>\$719,014.04</u>

The general policy of the trustees in the matter of buildings and repairs has been to have work, involving any considerable expenditure of funds, done under contract, while the minor improvements and repairs have been made under the personal supervision of the custodian or other officer representing the building committee of the Board, which committee has general oversight and direction of all such work. The architect employed is considered to have that expert knowledge of the cost of construction which will enable him to protect the Board against a combination of bidders and no contracts of any magnitude are let without his advice. Examination of the bids on buildings erected at the College would seem to show sufficient competition to insure a reasonable low cost of construction. There were six bids for instance, on the Central Building. The one accepted was \$21,000.00 less than the next higher and \$40,000.00 less than the highest bid. The three rejected bids on the Dairy Building ranged from \$8,000 to \$12,000 above the one accepted. Rejected bids on other buildings were in general much higher than the bid constituting the basis of cost to the college. The plan of erecting buildings under contract, is the one in general use by the government and by individuals engaged in large business ventures. In the opinion of the trustees it has worked satisfactorily at the college, giving to the institution substantial buildings at a comparatively low cost. The detailed plans and specifications of each building are on file at the college, the records give the items of cost, and the buildings speak for themselves as to quality of construction. The trustees invite their most careful inspection.

As already stated, minor repairs and improvements are under the direct charge of the building committee. This committee considers the askings of the several departments and, having in mind the funds at their disposal, decides upon those most needed. In cases where the nature of the work will permit bids are secured and contracts entered into; in other cases careful estimates are prepared, a local superintendent appointed, and the work carried forward under his direct supervision. Estimates on contracts are made by the superintendent; all other bills are passed upon by the committee or its chairman before presentation to the Board of Audit.

OTHER SPECIAL APPROPRIATIONS BY THE STATE.

There was in the hands of the state treasurer at the beginning of the biennial period a balance of \$1,682.14 belonging to the appropriation of \$5,000 made by the 29th General Assembly to the college for the purchase of pure bred stock. The following exhibit shows the

amount of this fund drawn by the college treasurer and disbursed by him during the past two years.

PURE BRED STOCK.

RECEIPTS.

Amount drawn from the State Treasury.....\$1,682.14

DISBURSEMENTS.

Hereford cow \$300, bull \$625.....	925.00
One Angus bull calf.....	245.00
One Berkshire sow.....	152.50
One Poland China boar \$50, two sows at \$25 each.....	100.00
Expenses of professors to purchase stock.....	69.08
One Yorkshire boar pig.....	50.00
Oxford Down ram and ewe lamb.....	40.00
One Southdown ram.....	40.00
One Chester White boar.....	30.00
Freight and express.....	30.12

Total expended.....\$1,681.70

Balance in hands of College Treasurer......44

\$1,682.14

The following sums were appropriated by the 30th General Assembly for the purposes specified:

Good Roads Experimentation.....	\$7,000.00
Engineering Experimentation.....	6,000.00

A full statement of the results accomplished in these lines and the benefits accruing therefrom will be found in the reports of the President and the Deans of the departments interested. An idea of of the'scope and character of the work can be gained from the following carefully prepared financial exhibits:

GOOD ROADS FUND.

Amount of appropriation for the biennial periods payable quarterly.....\$7,000.00

RECEIPTS.

Amount drawn from the State Treasury during the first year, ending June 30, 1905.....\$3,500.00

DISBURSEMENTS.

Salaries—

T. H. McDonald, two and three-fourths months at \$60 per month, nine months at \$50 per month.....	\$615.00	
H. M. Bainer, part salary.....	130.00	
John T. Hoover, part salary.....	60.00	\$ 805.00

Equipment—

Kodak	27.50	
Map of counties.....	15.00	
Record Book	8.50	
Stereoptican accessories	136.00	
Chest and locks	7.55	
Miscellaneous Equipment	105.65	\$300.20

Plans and Publications.

Student labor at 15c to 20c per hour, drafting and blue printing plans.....	51.59	
Material—Blueprint paper, tracing cloth, etc.	9.71	
Engraving	5.25	
24 page bulletin "Good Roads Problem in Iowa," 15,000 copies, Campbell-Russell printing Co	266.60	333.15

Investigations—

Traveling expenses of A. Marston (by order of the Board of Trustees), trip to Bingham- ton, Albany, New York, N. Y.; Boston, Mass. and Trenton, Atlantic City, New Jersey, to investigate Highway Commissions of the east	151.38	
Expenses of T. H. McDonald, trips to various counties to investigate road work and study road material, etc., Jefferson, Ladora, Car- roll, Coon Rapids, Glidden.....	21.40	
Des Moines	3.47	
Coon Rapids	15.21	

Expenses of A. Marston—

Des Moines	3.02	
Coon Rapids and Glidden.....	4.37	

Expenses of T. H. McDonald—

Rockwell City and Lohrville (four days in Calhoun county)	17.55	
Trip to Bremer, Butler and Chickasaw counties (five days).....	20.94	
Trip to Butler, Bremer, Cerro Gordo, Chickasaw, Floyd and Buchanan counties (January 26th to February 19th).....	66.19	

Trip to Marble Rock.....	6.96	
Trip to Jefferson (three days).....	11.92	
Trip to Jefferson (two days).....	7.00	
Trip to Sac City.....	4.00	
Trip to Jewel Junction.....	1.17	
Trip to Independence.....	5.59	340.17
Developing and Printing Views Taken in Work of Investigation—		
C. R. Quade	60.22	
Other small jobs.....	24.20	
Supplies for photograph work.....	26.10	110.52
Six record books kept at as many different points at \$10 per year, one-half yearly payment	30.00	
Labor Compiling Census Cards (Agricultural Road Schedule)—		
A. B. Chattin, four months at \$60.....	240.00	
Other help at 20c per hour.....	55.14	
Postage and express on census cards.....	15.88	341.02
Experimental Work—		
Road Material—		
Experiments with clay binder for gravel roads.		
A short section of gravel was constructed.		
Material and labor.....	59.73	
Traction Tests of Road Surfaces—		
Teams testing at 32½c per hour.....	38.18	
Concrete Experiments—		
Cement and stone were given to Commission, costing only freight and drayage, lumber, etc., for moulds, labor at 15c and 25c per hour	82.96	
Road Experiments—		
A section of earth road was constructed.		
Labor	55.22	236.09
Assistants—		
Student labor on road machinery, etc., at 15c to 20c per hour.....		27.06
Office Expenses—		
Stamped envelopes	42.40	
Deposit at Ames postoffice for mailing second class matter	100.00	
Telephone, telegrams, stationery, postage, etc.	62.81	
C. S. Nichols, stenographic work at 20c per hour	87.65	
Other office help at 15c to 20c per hour.....	18.75	311.61
Freight, Drayage and Delivery—		
Charges on laboratory equipment road machinery, etc.....		306.45

Road School—

Assistants with machinery, etc.....	79.80	
Instructors—		
D. Ward King.....	56.75	
B. Stanton	6.06	
Extra instructors at 25c per hour.....	142.25	
Demonstrations—motive power for machinery, etc	49.87	
Freight and drayage.....	42.20	
Miscellaneous	4.67	381.60

Total expended\$3,492.87

Balance in hands of College Treasurer..... 7.13

Total drawn from State Treasury.....\$3,500.00

Amount in hands of State Treasurer..... 3,500.00

Total appropriation\$7,000.00

ENGINEERING EXPERIMENT STATION.

Amount of the appropriation for the biennial period, payable quarterly\$6,000.00

RECEIPTS.

Amount drawn from the State Treasury during the first year, ending June 30, 1905..... 3,000.00

DISBURSEMENTS.**Salaries—**

A. Marston, ten months at \$20.84.....	\$208.34	
G. W. Bissell, ten months at \$16.66.....	166.67	
L. B. Spinney, ten months at \$16.66.....	166.67	
S. W. Beyer, ten months at \$8.33.....	8.33	
T. H. McDonald, ten months at \$8.30.....	83.30	\$ 708.31

Equipment—

Photometer	13.50	
Injector	30.00	
Galvanometer and accessories.....	123.50	
Two steel tanks 2x2x6.....	13.50	
Two porcelain tubes thirty inches long.....	9.00	
Material for photometer.....	1.31	
Photometer and accessories	212.50	
Four 5-gang cement moulds.....	50.00	
Record books	15.32	468.63

Bulletins—**Traveling Expenses—**

W. H. Meeker and a party of students visiting Ottumwa and Des Moines for the pur-

pose of testing boilers and stokers to obtain data for bulletin on boiler and stoker tests..	139.84	
Taylor and Zanke visiting Algona, LuVerne, Eagle Grove, Dows, Clarion, and Goldfield to collect data for bulletin on peat.....	17.28	
J. B. Wickman visiting Mitchellville, Spirit Lake, Mt. Pleasant, Grinnell, Davenport and Marion to collect data for bulletin on sewage disposal plants, together with kodak supplies, etc., for same.....	108.57	
M. J. Reinhart visiting Spirit Lake for the purpose of collecting data for bulletin on sewage disposal plants	30.10	
Bulletin No. 8, 2,000 copies, geology, reprint..	27.00	
Bulletin No. 9, 2,000 copies.....	54.20	
Bulletin No. 10, 1,000 copies.....	12.50	
Bulletin No. 11, 5,000 copies.....	14.13	
Labor compiling data for bulletins, drafting, testing materials, etc., at 15c to 20c per hour	392.60	
Hoffman, testing lamps at 37½c.....	116.04	912.26
Stenographic work at 20c per hour.....		10.00
Express, freight, drayage, postage and blanks for tests		26.44
Total expended....		\$2,125.64
Balance in hands of College Treasurer.....		874.36
Total drawn from State Treasury.....		3,000.00
Amount in hands of State Treasurer.....		3,000.00

SUPPORT FUNDS.

It is exceedingly difficult to determine what should be included in the support funds of an institution like the State College. The matter, too, is important, since it affects materially the question of total and per capita cost of maintenance. The receipts of the college treasury, outside of the state appropriations for building, improvements and other special purposes might be classified as follows:

1. Interest on national endowment fund and annual appropriations by the national and state governments for the support of the educational departments.
2. Annual appropriations by the national and state governments for the support of the Experiment Station.
3. Fees collected from students, to cover cost of materials used by them in the laboratories and shops and to meet in part the expense of providing heat, light and janitor service for the public rooms.

4. Minor items of income such as rental of rooms, amount received for diplomas, and small sums contributed by individuals or corporations for special purposes.

5. Sales of departments.

There can be no question but that all the receipts coming under the first head belong to the support fund.

Regarding the experiment station it may be said that no portion of the national or state funds appropriated for its maintenance is used to support the educational departments of the college. Indirectly some of these departments are benefitted by being in close touch with the station work but this is fully compensated by the land, buildings and other facilities furnished by the college to the station. The station was established to conduct experiments. Its fund are devoted to that purpose. They constitute no part of the maintenance fund of the educational departments.

The laboratory fees represent, practically, the purchase by the student of material used by him in his laboratory work. He might buy much of it elsewhere but it would be inconvenient and expensive. The College can purchase test tubes, drawing paper, chemicals and other material in large quantities and furnish the same to the student at a low cost without loss. This is accomplished by the plan of charging a laboratory fee. Students, through the janitor's fee, pay also a minor part of the cost of keeping their society and reception halls and recitation rooms heated, lighted and in cleanly condition.

The receipts classified as "minor items of income," are used to repair student rooms, purchase diplomas, maintain a students' statistical bureau, and meet scholarship and fellowship expenses specified by donors. The receipts average less than \$5,000 per annum.

The sales of departments can hardly be considered as constituting any part of the support fund: otherwise the college might become self sustaining by buying and selling cattle at the same price. Several years ago the Creamery Department bought annually some \$19,000 worth of butter fat and manufacturing it into butter, sold it for approximately the same price. Last year, under changed conditions, the business amounted to only about \$6,000. The department sales decreased \$13,000 but the College support fund remained unchanged. *Profits* would increase the fund but work largely educational and experimental, cannot be expected to be profitable in a commercial sense. Until it is, the institution must look elsewhere for its support.

It has always been the policy of the college to credit the fees and the proceeds of sales, to the department to which they belong and then

charge the net cost of maintenance in each case to the State and National support fund, keeping the college and station accounts separate as the law requires. The advantage of such a plan is that it shows clearly how the state and National funds have been used. The exhibits that follow are made out on this basis. Statements are attached which give the receipts from fees, the minor sources of income and department sales.

EDUCATIONAL SUPPORT FUNDS.

INCOME.

	1903-4	1904-5
Interest on endowment fund.....	\$ 36,295.73	\$ 35,265.03
Morrill fund	25,000.00	25,000.00
Annual state appropriations.....	80,000.00	100,416.66
Totals	\$141,295.73	\$160,681.69

EXPENDITURES.

1. Instruction and Administration.

Salaries of Professors, Assistant professors and Administrative Officers (on regular salary pay roll).....	\$ 58,858.32	\$ 73,491.01
Salaries of instructors and assistants (on department pay rolls).....	30,121.09	31,878.93

2. Department Expenses and Equipment.

Agricultural Department	3,197.06	3,449.38
Creamery	3,304.78	961.14
Dairy	519.82	716.85
Agronomy	1,329.68	1,128.14
Farm Mechanics	2,369.20	334.44
Soils	1,849.17	416.03
Animal Husbandry	796.70	682.73
Farm Crops	170.69	545.35
Veterinary Science	520.00	606.42
Agricultural Chemistry	157.89	31.40
Horticulture	1,277.95	1,626.46
Mechanical Engineering	742.89	1,200.94
Civil Engineering	3,010.48	1,766.40
Physics and Electrical Engineering....	1,392.86	1,923.60
Mining Engineering	916.83	1,038.3
Engineering Dean's Office.....		244.20
Geology	280.10	191.87
Chemistry	571.66	888.73
Zoology	799.99	1,038.47
Botany	968.66	824.81
English Literature and Rhetoric (cr.		

\$178.77, for 1903-4).....		263.15
French and German	150.00	22.44
History	85.00	366.79
Civics		44.88
Mathematics	100.00	615.60
Political Economy	16.74	48.87
Domestic Economy	156.63	237.43
Military Tactics	181.21	491.24
Music	95.28	99.60
Library	1,952.59	2,770.70
Public Speaking { \$142.27 } cr. 63.94 }		
3. General Expenses.		
Public Grounds	2,130.93	1,505.66
Public Rooms—Heating, lighting and janitor service.....	12,572.21	15,000.00
Sabbath Services	449.96	429.36
Contingent Expenses, including clerk hire and other expenses of the exe- cutive and administrative offices, cost of catalogues, compendiums, advertising, telephone services, proctors, ringing chimes, etc.....	9,138.70	12,038.83
Totals	\$140,185.07	\$158,900.18
Deducting English Literature and Pub- lic Speaking credits.....	321.04	63.94
Total net expenditures.....	\$139,864.03	\$158,836.24

Summarizing the expenditures under the headings marked 1, 2 and 3 in the exhibit, we have the following:

	1903-4	1904-5
1. Salaries of Professors, instructors and administrative officers	\$ 88,979.41	\$105,369.94
2. Department Expenses and equipment..	26,592.82	28,973.85
3. General Expenses	24,291.80	24,492.45
	<u>\$139,864.03</u>	<u>\$158,836.24</u>

For itemized statement of salaries paid see report of Executive Council for 1903-5, pages 616 to 622.

It will be noticed that the income exceeded the expenditures each year thus increasing the cash balance. The following is the showing for the two years:

Cash balance July 1, 1903.....	\$2,418.60
Excess of receipts over expenditures for 1904.....	1,431.70
Excess of receipts over expenditures for 1905.....	1,845.45
Cash balance June 30, 1905.....	<u>\$5,695.75</u>

EXPERIMENT STATION SUPPORT FUNDS.

Prior to 1902 the station was supported entirely by the national government. Since then the state has given it substantial aid. The following exhibit shows its receipts from all sources with its expenditures classified in accordance with the requirements of the department of Agriculture at Washington.

RECEIPTS.

	1903-4	1904-5
From National Government.		
Annual appropriation	\$15,000.00	\$15,000.00
United States Agricultural Department on co-operative experiments.....		600.00
From State.		
Annual appropriation	13,125.00	25,000.00
From outside parties on Professor Holden's salary	400.00	400.00
Totals	\$28,525.00	\$41,000.00
Proceeds of sales.....	2,508.94	7,446.82
Totals	\$31,028.94	\$48,446.82

EXPENDITURES.

Salaries of Station Staff.....	\$ 7,641.65	\$12,020.2
Salaries of Station Assistants.....	3,273.18	5,680.83
Section Expenditures—		
Director's Office.....	2,721.31	940.41
Bulletins	2,230.72	3,952.04
General Expense	1,076.37	1,060.70
Emergency and Building.....		110.50
Agronomy	2,595.13	4,706.58
Animal Husbandry	4,537.42	10,804.76
Botany	414.23	706.94
Chemistry	900.06	1,259.87
Dairy	705.14	198.52
Entomology	818.83	519.09
Horticulture	1,900.33	2,378.82
Veterinary Science	133.53	10.10
Farm Mechanics	439.18	1,465.33
Photographic Section		710.33
Soils	527.17	754.82
Total expenditures	\$29,914.25	\$47,279.40

The receipts for the biennial period exceeded the expenditures by \$2,282.11, thus increasing the cash balance to the credit of the station from \$2,143.92 to \$4,426.03. Annual reports of the receipts and dis

bursements of the station are made to the Department of Agriculture at Washington and its books and vouchers are examined each year by an expert accountant of the Department.

FEEs AND SALES.

The following exhibit shows the receipts from fees and sales during the biennial period:

Source.	1902-4.		1904-5	
	Fees.	Sales.	Fees.	Sales.
Farm		\$10,584.10		\$ 9,613.88
Janitor Fee.....	\$11,159.00		\$11,567.00	
Creamery		7,471.50		1,717.51
Agronomy	754.50	110.46	829.50	6.25
Soils	361.00	1.50	295.50	
Farm Mechanics ..	407.50	172.89	483.50	
Farm Crops			610.50	
Animal Husbandry..	1,464.50		1,832.00	203.28
Dairy	792.75	70.95	117.00	20.28
Horticulture	116.50	712.97	109.10	902.10
Veterinary	371.75	1,052.10	506.50	1,200.05
Mechanical Engineer- ing	2,705.60	646.42	2,656.29	77.74
Civil Engineering ..	248.00		1,123.00	170.90
Physics and Electric- al Engineering ..	971.00	8.58	843.00	
Agricultural Chem- istry	35.00	197.10		
English Literature and Rhetoric	756.75		526.10	4.20
Chemistry	3,670.90		3,423.43	
Zoology	442.38		468.50	
Mining Engineering		89.30		34.00
Geology		31.25		10.00
Botany	1,011.25	30.14	935.05	
Domestic Economy.	518.32	3.23	774.50	
Library	68.00	15.22	156.00	
Sabbath Services...		5.00		.50
Public Grounds		653.52		91.08
Public Speaking ...	218.00		163.00	
Good Roads School.			78.00	
Experiment Station.		2,503.94		7,446.82
Totals	\$26,072.70	\$24,360.17	\$27,497.47	\$21,498.59

As already stated it has been the policy of the college to credit these fees and sales to the departments to which they belong and to allow such departments to expend them in the same way that they expend the amounts appropriated to their use, by the Board, from the support fund. Added to the debits and credits of the different department accounts they will give the gross receipts and expenditures of such departments. A table of department expenditures made out upon this basis will be found on page 623 of the report of the Executive Council for 1904-5.

MINOR SOURCES OF INCOME.

These sources of income are fully explained on page 119 of the last biennial report. The following statement shows both the nature and amount of the receipts and the purposes for which they were used.

RECEIPTS.

Tuition of students from outside state	\$1,352.00	\$1,084.00
Rental of Rooms	1,917.18	1,909.90
Rental of donated land	32.00	36.00
Diploma account	615.00	875.00
Agricultural fellowship fund	905.00	475.00
Iowa state scholarship	200.00	200.00
Clay fund for support of agricultural journalism		458.33
Sale of wreckage material		826.87
Totals	\$5,021.18	\$5,865.10

EXPENDITURES.

Room Rent—

Repairs on Margaret Hall, including installing water closet system in place of cream- atory \$660.94; kalsomining and cleaning \$66.45; furniture and furnishings, \$356.41; freight, express, drayage, station- ery, telephone and telegraph, \$45.45....	\$1,129.25	
Repairs and improvements on cottages, including painting and kalsomining, \$61.73; furniture and furnishing, \$332.62; freight, express, drayage, etc., \$9.75	404.10	
Repairing creamery dormitories	42.77	
Repairing office building, faculty club house and postoffice building	134.85	
Furniture and furnishings for college buildings	576.22	
Part of custodian's salary at \$1,200 per annum	637.30	
Part of carpenter's salary at \$60 per month	486.94	
Fitting up room in Morrill Hall for barber shop (rented at \$12.50 per month)	87.20	
Part of salary of secretary of building com- mittee	8.84	3,506.97

Diploma—

Diplomas at 85c to \$1.00 each and programs at \$3.00 per thousand	451.65
Clerical work in keeping students' records at \$50.00 per month and 20c to 25c per hour	437.72

Cards for students' record system, and miscellaneous printing	195.97	
Telephone, telegrams, express and postage..	21.46	1,106.80

Agricultural Fellowship Fund—

Paid graudate assistants in Animal Husbandry as follows:

W. W. Smith, nine and one-half months at \$25.00 per month.....	237.50	
Newton C. Rew, four months at \$25.00 per month	100.00	
Wayne Linsmore, twelve months at \$8.83 per month	99.96	
J. A. Conover, twenty-two months at \$25.00 per month	550.00	
C. W. Rubel, nine months at \$25.00 per month, and for part of month \$5.83....	230.83	1,218.29

Iowa State Fair Scholarship—

Paid students as per terms of scholarship:

Ellis Rall, eight months at \$25.00 per month	200.00	
Chas. F. Steen, five months at \$25.00 per month	125.00	325.00

Clay Fund for Support of Agricultural Journalism.

Salary of W. H. Ogilvie paid by John Clay of Chicago, eleven months at \$500.00 per annum		458.33
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Sale and Wreckage Account—

Paid students for wrecking old creamery at 20c per hour.....	355.75	
Paid Foster & Jacobson, hauling at 30c per hour	98.63	
Paid H. W. Schlueter for rubble for foundation of new creamery, 4304300 lbs. at 7c per hundred lbs	430.43	884.81
Total expended on minor income accounts..		\$7,500.20

Under the orders of the Board the sum of \$3,336.00 was transferred from the tuition fund to the repair and improvement account.

The educational and station support funds after salaries are deducted are apportioned by the Board of Trustees among the college departments and station sections. Within the limit of the means furnished, the head of each department or section is expected to so plan his work as to secure the best results. This necessarily involves the determination of how the funds assigned to such work shall be used. In industrial colleges, especially, the material equipment of a depart-

ment is such a vital factor in its development that unless the professor in charge is allowed to direct the department expenditures, he cannot reasonably be held responsible for its growth. The problem of granting to the heads of the several departments such control of expenditures as will lead to the greatest efficiency and yet enable the college to secure the benefits of purchasing in large quantities and upon competitive bids has been gradually worked out in a fairly satisfactory way. The purchasing committee established some two years ago is now quite fully organized. It aims to work in harmony with the heads of departments and thus avail itself of their expert knowledge concerning special apparatus and equipment and the places where the same can be obtained to the best advantage. In some instances the heads of departments make purchases. The Dean of Agriculture and the Professor of Animal Husbandry are better judges of farm stock and stock values than the committee and therefore better qualified than the committee to make purchases along this line. Again, in some of the experimental work the competitive idea of purchase has no legitimate place. The expert in charge and he only can determine where and when to buy the particular thing needed. The rules of the Board of Trustees permit the committee in all such cases to give the head of the department written authority to make the purchase. With exceptions of this character, the committee make all purchases. It receives bids and awards contracts for stationery, printing, laboratory supplies and apparatus, coal, lumber, tools, hardware, electrical supplies, oil, gasoline, pipe and fittings and all other ordinary commercial articles required for the maintenance and support of the college. It is believed that this plan secures for the institution as low prices as can be obtained in any other way. The records of the committee are open to inspection and the trustees court the most thorough investigation of the system and its results.

No bills are paid until they are approved by the board of audit which consists of the president of the college and the secretary of the board of trustees. Before such bills are presented to the auditing board they are certified to as correct by the respective heads of departments. This certificate signifies that the goods have been received and that the quality and price are satisfactory; it constitutes an excellent check upon the purchasing committee. The secretary makes monthly settlement with the treasurer, while the books and accounts of both the treasurer and the secretary are examined and reported upon each year by a committee of the Board of Trustees and biennially by the Board of Control.

The following summaries show the total receipts and disbursements for the biennial period exclusive of fees refunded and transfers from one department to another.

RECEIPTS AND DISBURSEMENTS FOR THE BIENNIAL PERIOD.

1903-1904.

RECEIPTS.

Educational support funds—

From national sources.....	\$ 61,295.73	
From state,	80,000.00	\$141,295.73

Station support-funds—

From national sources.....	15,000.00	
From state	13,125.00	
From outside parties (contributed)....	400.00	28,525.00

Janitor and laboratory fees—

Minor sources of income—

Buildings and improvements—

Annual building tax.....	97,551.46	
Annual repair and improvement fund..	19,437.50	
Special appropriations	23,346.85	140,335.81

Other state appropriations.....		1,681.70
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Total college and station income for all purposes.....		\$342,932.12
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Proceeds of sales of departments (not considered as adding anything to income)		24,360.17
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Total		\$367,292.29
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DISBURSEMENTS.

Salaries—

Professors, assistant professors and administrative officers.....	\$ 58,858.32	
Instructors and assistants.....	30,121.09	\$ 88,979.41

Educational Departments—

Support fund expended for current expenses and apparatus.....	26,592.82	
Laboratory fees used in buying material	14,913.70	
Proceeds of sales used in making further purchases	21,197.71	62,704.23

Experiment station—

Salaries of station staff and assistants..	10,524.90	
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TREASURER'S REPORT.

149

Station support fund expended for current expenses and equipment of station	16,885.41	
Proceeds of sales used in making further purchases	2,503.94	29,914.25
Administrative and general expense—		9,593.66
Maintenance of buildings and grounds— (not including repairs)		
Support fund expended	14,703.14	
Fees from students applied on heating, lighting and janitor service account..	11,159.00	
Proceeds of sales from public grounds expended on public grounds.....	653.52	26,515.66
Expenditures of minor income accounts—		
Buildings and improvements—		
Tuition fund devoted to repairs.....	1,997.64	
Annual building tax.....	97,551.11	
Annual repair and improvement fund.	18,500.00	
Special state appropriations.....	23,346.85	141,395.60
Other state appropriations.....		1,681.70
Total disbursements		\$363,405.72

1904-1905.

RECEIPTS.

Educational support funds		
From national sources.....	\$ 60,265.03	
From state	100,416.66	\$160,681.69
Station support funds—		
From national sources, including \$600 contributed by U. S. Department of Agriculture on co-operative experiments	15,600.00	
From state	25,000.00	
From outside parties (contributed)...	400.00	41,000.00
Janitor and laboratory fees—		
Minor sources of income—		
Buildings and improvements—		
Annual building tax.....	143,821.72	
Annual repair and improvement fund..	23,000.00	
Special appropriations	68,371.42	235,193.14
Other state appropriations....		6,500.00

STATE COLLEGE OF AGRICULTURE.

Total college and station income for all purposes	\$476,737.40
Proceeds of sales of departments not considered as increasing the income.	21,498.59
Total	<u>\$498,235.99</u>

DISBURSEMENTS.

Salaries—

Professors and assistant professors and administrative officers	\$ 73,491.01	
Instructors and assistants.....	31,878.93	\$105,369.94

Educational Departments—

Support fund expended for current expenses and apparatus	24,492.45	
Laboratory fees used in buying material	15,930.47	
Proceeds of sales used in making further purchases	13,960.19	54,383.11

Experiment station—

Salaries of station staff and assistants..	17,701.09	
Station support fund expended for current expenses and equipment of station sections	21,831.49	
Proceeds of sales used in making further purchases	7,746.82	47,279.40

Administrative and general expenses..

12,468.69

Maintenance of buildings and grounds—

(Not including repair of buildings.)

Support fund expended	16,505.66	
Fees from students applied on heating, lighting and janitor service accounts	11,567.00	
Proceeds of sales from public grounds expended on public grounds.....	91.08	28,163.74

Expenditures on minor income accounts

4,878.99

Buildings and improvements—

Tuition fund devoted to repairs.....	1,338.36	
Annual building tax	144,571.99	
Annual repair and improvement fund..	23,937.50	
Special appropriations	68,363.07	238,210.92

Other state appropriations.....

5,618.51

Total disbursements \$496,373.30

SUMMARY OF RECEIPTS AND DISBURSEMENTS FOR THE
BIENNIAL PERIOD.

	Receipts.	Disbursements.
For 1903-1904	\$367,292.29	\$363,405.72
For 1904-5	498,235.99	496,373.30
Totals	\$865,528.28	\$859,779.02

It will be noticed that the receipts have exceeded the expenditures by \$5,749.26, thus increasing the cash balance by that amount. This checks with the treasurer's books. The totals differ from the debit and credit sides of his cash account by the sum of fees collected and refunded, and transfers made from one department to another. In the foregoing summaries these are stricken from both sides of the account. If we deduct the sales of the different departments amounting to \$45,858.76 from the totals given we will have the amount received by the college from the national government, the state and students, for all purposes, and the amount expended by the college authorities in the maintenance and up-building of the institution. The following shows the expenditures for the biennial period duly classified:-

Maintenance of the College.....	\$361,452.34
Maintenance of the Agricultural Experiment Station.....	67,242.89
Building and Improvements.....	379,606.52
Engineering and Good Roads Experimentation.....	5,618.51
Total	\$813,920.26

RESOURCES OF THE COLLEGE.

1905-6.

These may be divided into two classes:-

1. Unexpended balances of appropriations of the Thirtieth General Assembly for special purposes. These have been already discussed.
2. What we may consider as the present regular income of the college for the erection and repair of buildings and the support of its departments and the Experiment Station.

1. Building and repairs—	
Special building tax.....	\$124,000.00
Annual appropriation for repair and improvements	23,000.00
2. Educational support fund—	
From national sources.....	\$ 60,000.00
From the state.....	110,000.00
	<u>170,000.00</u>

3. Experiment station support fund—			
From national sources.....	\$15,000.00		
From the state	25,000.00	\$	40,000.00
<hr/>			
4. Fees charged students to cover cost of			
laboratory material furnished them and			
to meet in part the expense of heat,			
light and janitor service for labora-			
tories and public rooms.....			
			27,500.00
5. Minor sources of income.....			5,000.00
<hr/>			
Present regular income of college and			
station for all purposes		\$	389,500.00

Concerning the expenditure of these funds it may be said:

First. It was shown in the statement regarding the special building tax that the contracts covering the completion of the new central hall and the Dairy Building will absorb the amount available during the fiscal year with the exception of about \$4,400.00.

Second. The exhibits relating to the annual repairs and improvement fund show that the appropriations made by the Building Committee leave a balance of less than \$1,500 with which to meet emergencies during the fiscal year. There is also on the "waiting list" about \$7,000 of askings more or less urgent.

Third. The minor sources of income, as will be noted are in general of such character as to require that they be expended for special purposes. The amount involved too, is comparatively small being about \$5,000.00.

Fourth. The fees collected from students are in the nature of payments for material furnished, or services rendered by particular departments and are naturally credited to such departments.

Fifth. The educational and station support funds are apportioned at the beginning of each year, among the different departments of the college and the several sections of the station. Under the rules of the Board of Trustees the sum of \$2,500.00 is reserved from the educational support fund as a working balance. The cash balance on hand to the credit of this fund at the beginning of the present year was \$5,695.75, after deducting the \$2,500.00 there remained a balance of \$3,195.75 subject to appropriation by the Board.

The Trustees adopted this year for the first time the plan of re-appropriating to the various departments the unexpended balances to their credit at the close of the last year, instead of returning such balances, as heretofore to the general fund. These balances amounted to less than the surplus on hand above the required reserve, This surplus, \$3,195.75, was therefore added to the income, \$170,000.00, making 173,195.75 as the basis of the joint appropriation of the unexpended balances and the new amounts allowed.

The following is the education support fund budget for the coming year:

EDUCATIONAL SUPPORT FUND.

1905-1906.

	Unexpended Balances Re- appropriated.	New Appro- priations for Current Expenses and Equipment.	Totals.
1. Department Expenses and Equipment.			
Farm	\$ 43.00	\$ 1,700.00	\$ 1,743.00
Animal Husbandry	198.00	960.00	1,158.00
Animal Husbandry, Short Course	123.00	150.00	273.00
Agronomy		982.50	982.50
Agronomy, Short Course....		150.00	150.00
Agricultural Engineering ...	13.00	654.50	667.50
Farm Crops		362.50	362.50
Soils.....	8.00	362.50	370.50
Dairy	37.00	2,000.00	2,037.00
Horticulture and Forestry...	98.00	1,200.00	1,298.00
Vetinary Science	67.00	725.00	792.00
Mechanical Engineering....	790.00	1,200.00	1,990.00
Civil Engineering	23.00	1,340.00	1,363.00
Physics and Electrical En- gineering	16.00	1,535.10	1,551.10
Mining Engineering	110.00	800.00	910.00
Geology	8.00	200.00	208.00
Military Tactics	33.00	225.00	258.00
English and Rhetoric.....	154.00	300.00	454.00
Chemistry	267.00	700.00	967.00
Zoology and Physiology....	11.00	800.00	811.00
Botany		700.00	700.00
Mathematics		230.00	230.00
Economic Science	5.00	50.00	55.00
Civics	1.00	50.00	51.00
Public Speaking	16.00	150.00	166.00
History	8.00	156.50	164.50
Modern Languages		25.00	25.00
Domestic Economy	262.50	450.00	712.50
Preceptress' Fund	31.00	175.00	206.00
Music		100.00	100.00
Library	179.00	2,218.50	2,397.50
	<u>\$2,501.50</u>	<u>\$20,632.10</u>	<u>\$23,133.60</u>
2. Salaries—			
Professors, assistant professors and administrative officers.....		\$80,646.08	
Instructors and assistants.....		32,555.68	\$112,501.74

3. Maintenance of Public Grounds and Buildings—

Public grounds	1,706.00	
Public rooms, heating, lighting and janitor service	21,911.81	23,617.81

4. Sabbath Services

520.00

5. Administrative and Contingent Expenses—

President's office	2,598.00	
Treasurer's and recorder's office	2,234.50	
Secretary's office	1,276.00	
Purchasing committee	1,350.00	
Engineering Dean's office	355.00	
Agricultural Dean's office	400.00	
Junior College Dean's office	725.00	
Catalogue, Compendium and Advertising	2,515.00	
Ringling chimes	115.00	
Telephone service	125.00	
Address before Trustees	100.00	
Agricultural College Association Fee...	15.00	
Faculty Committee on assignment to classes	221.00	
Harvest Home Excursion	250.00	
Proctors	175.00	
Commencement Week expenses	50.00	
High School inspection	100.00	
Reserve for contingencies	500.00	13,105.00
Total appropriated		\$173,578.15

The following is the salary roll of professors and assistant professors and administrative officers as fixed for the school year, beginning September 1, 1905, together with the funds to which such salaries will be charged :

	Support Fund	Agri. Exp. Station	Other College Funds	Totals
A. B. Storms, President and dean of science	5,000.00			5,000.00
E. W. Stanton, mathematics dean of junior college and secretary of the board of trustees	3,000.00			3,000.00
O. F. Curtiss, dean of agriculture and direc- tor of Experiment Station	2,000.00	2,000.00		4,000.00
J. R. Lincoln, military science	1,000.00			1,000.00
A. A. Bennett, chemistry	2,100.00			2,100.00
L. H. Pammel, botany, station botanist	1,700.00	300.00		2,000.00
G. W. Bissell, mechanical engineering	1,900.00		{ *200.00 *200.00	2,300.00
A. Marston, civil engineering, dean of engi- neering, college engineer	2,800.00		{ *200.00 *250.00	3,250.00
Lizzie M. Allis, French and German	1,400.00			1,400.00
L. B. Spinney, physics, and electrical engi- neering	1,800.00		*200.00	2,000.00
W. J. Kennedy, animal husbandry, vice-direc- tor experiment station	1,250.00	1,250.00		2,500.00
S. W. Beyer, geology and mining engineering	1,900.00		*100.00	2,000.00

SECRETARY'S REPORT.

155

A. B. Noble, rhetoric and english literature	1,800.00			1,800.00
H. E. Summers, zoology, station entomologist	1,500.00	300.00		1,800.00
A. M. Newens, public speaking.....	1,700.00			1,700.00
G. L. McKay, dairying.....	1,800.00	800.00		2,600.00
O. H. Ceesna, history and ethics, college chaplain.....	2,800.00			2,800.00
J. H. McNeill, anatomy and principles and practice of surgery, and dean of veterinary science.....	1,700.00	100.00		1,800.00
R. C. Barrett, civics.....	2,000.00			2,000.00
Georgietta Witter, domestic economy.....	1,400.00			1,400.00
P. G. Holden, agronomy and vice dean of agriculture.....	1,300.00	1,300.00		2,600.00
(Receives additional sum of \$400 contributed by outside parties).				
S. A. Beach, horticulture and forestry.....	1,250.00	1,250.00		2,500.00
W. H. Meeker, mechanical engineering.....	1,900.00			1,900.00
L. E. Ashbaugh, civil engineering.	1,600.00			1,600.00
Frank French, civil engineering.....	1,400.00			1,400.00
F. A. Fish, physics and electrical engineering.....	1,800.00			1,800.00
Marion H. Kilbourne, dean of women.....	900.00			900.00
W. E. Harriman, college physician.....	1,100.00			1,100.00
(Receives in addition \$300 from College Hospital fund).				
Maria M. Roberts, mathematics.....	1,250.00			1,250.00
H. W. Dow, mechanical engineering.....	1,500.00			1,500.00
Herman Knapp.....	1,200.00	250.00	°100.00	1,650.00
Charged to Fires, Lights and Incidentals (Receives in addition from College Book Store \$250.00).....				
A. T. Irwin, horticulture	800.00	700.00		1,500.00
W. J. Rutherford, animal husbandry.....	900.00	900.00		1,800.00
E. E. Bugbee, mining and engineering.....	1,600.00			1,600.00
J. B. Davidson, agricultural engineering.....	833.34	666.66		1,500.00
W. M. Stevenson, soils.....	900.00	900.00		1,800.00
Walter E. Sturr, veterinary science.....	1,400.00	100.00		1,500.00
R. B. Drykstra, veterinary science.....	1,200.00			1,200.00
L. M. Hart, veterinary science.....	1,200.00			1,200.00
B. H. Hibbard, economic science.....	1,500.00			1,500.00
Lola A. Placeway, chemistry.....	1,100.00			1,100.00
Vina E. Clark, librarian.....	800.00	100.00		900.00
Bessie B. Larrabee, English.....	1,000.00			1,000.00
Elizabeth Maclean, English.....	1,000.00			1,000.00
W. M. Wilson, mechanical engineering.....	1,200.00			1,200.00
I. A. Williams, mining engineering.....	1,100.00		°100.00	1,200.00
Paul S. Pierce, history.....	1,100.00			1,100.00
J. E. Guthrie, zoology.....	1,100.00			1,100.00
O. Larsen, dairying.....	650.00	550.00		1,200.00
F. W. Bouska, bacteriology....	935.00	465.00		1,400.00
Adolph Shaul, electrical engineering	1,200.00			1,200.00
J. Watson, physical director.....	900.00			900.00
(Receives \$900 from Athletic Council.)				
W. F. Coover, chemistry.....	1,800.00			1,800.00
E. E. Little, horticulture		1,000.00		1,000.00
E. S. Gardner, station photographer.....		1,500.00		1,500.00
I. O. Schaub, soils	750.00	750.00		1,500.00
L. G. Michaels, station chemist.....	100.00	1,400.00		1,500.00
Wayne Dinsmore, animal husbandry.....	600.00	600.00		1,200.00
M. P. Cleghorn, mechanical engineering.....	1,000.00			1,000.00
H. P. Baker, forestry.....	425.00	425.00		850.00
W. H. Ogilvie, bulletin editor....		1,000.00		1,000.00

(Receives \$1,000 additional from fund furnished by John Clay of Chicago.)

T. H. MacDonald, good roads..... **1,200.00 1 M.

Total salaries listed on salary roll \$31,443.34 \$18,206.06 \$2,550.00 \$52,200.00

*Engineering Experiment Station.

**Good Roads.

*Repairs and Improvements.

Houses on the College grounds are occupied by President Storms and Professors Curtis, Holden, Noble, Summers, Stanton, Marston, Bissell, McKay and Beech. The annual rental is fixed by the Board at \$300.00.

The following is the list of the instructors and assistants for the school year beginning September 1, 1905, with the salary of each and the fund from which it will be paid.

Instructors and Assistants	Support Fund	Agri. Exp. Station	Other College Funds	Total
Farm Foreman.....	1,000.00			1,000.00
E. T. Robbins, animal husbandry.....	500.00			500.00
(Receives \$100 additional from fellowship fund).				
H. M. Balner, agricultural engineering.....	400.00	300.00	**200.00	900.00
J. T. Hoover, agricultural engineering.....	300.00	300.00	**120.00	720.00
M. L. Bowman, farm crops.....	500.00	500.00		1,000.00
J. W. Jones, farm crops.....	160.00	240.00		400.00
(Receives \$600 additional from the United States government).				
M. L. Mosher, farm crops.....	400.00			400.00
E. B. Watson, soils.....	400.00	400.00		800.00
Assistant, dairying.....	300.00			300.00
V. H. Gardner, horticulture.....	416 66			416 66
(For 10 months).				
J. Erdmann, horticulture.....	700.00			700.00
Geo. Judisch, veterinary.....	50.00			50.00
J. G. Hummel, mechanical engineering.....	900.00			900.00
E. C. Potter, mechanical engineering.....	900.00			900.00
D. M. Curl, mechanical engineering.....	720.00			720.00
E. M. Spangler, mechanical engineering.....	450.00			450.00
C. M. McCormick, mechanical engineering.....	450.00			450.00
F. G. Allen, mechanical engineering.....	800.00			800.00
F. L. Blackmann, mechanical engineering.....	500.00			500.00
Student assistants.....	135.00			135.00
John Berg, civil engineering.....	950.00			950.00
M. J. Reinbart, civil engineering.....	650.00		*100.00	750.00
W. B. Anderson, electrical engineering.....	1,000.00			1,000.00
A. H. Hoffman, electrical engineering.....	800.00			800.00
Bird Slater, chemistry.....	700.00			700.00
Jeannette Bartholomew, chemistry.....	500.00			500.00
Lola Stephens, chemistry.....	500.00			500.00
Edith Stevens, chemistry.....	500.00			500.00
O. E. Bartholomew, zoology.....	500.00			500.00
H. J. Quayle, zoology.....	400.00	300.00		1,200.00
R. E. Buchanan, botany.....	400.00	300.00		700.00
Harriet Kellogg, botany.....	300.00	300.00		600.00
Estelle Fogel, botany.....	300.00			300.00
W. S. Dudgeon, botany.....	40.00			40.00
Charlotte King, artist.....	150.00	570.00		720.00
Elizabeth Moore, English.....	700.00			700.00
Rose Abel, English.....	700.00			700.00
Dora Tompkins, English.....	600.00			600.00

Julia Vaulx, English.....	850.00	350.00
Grace Norton, modern languages.....	800.00	800.00
Florence Lucas, modern languages.....	800.00	800.00
Lisle McCullom, modern languages.....	800.00	800.00
Dorothea Beggs, modern languages.....	600.00	600.00
Mae Miller, history.....	600.00	600.00
Other assistants, history.....	203.00	200.00
E. A. Pattengill, mathematics.....	1,000.00	1,000.00
Julia Colpitts, mathematics.....	1,000.00	1,000.00
Anna Fleming, mathematics.....	650.00	650.00
J. D. Suter, mathematics.....	800.00	800.00
Elizabeth Cronin, mathematics.....	600.00	600.00
Student assistants, mathematics.....	124.00	124.00
Keo Anderson, mathematics.....	600.00	600.00
Instructor of band, military.....	300.00	800.00
Sybil Lentner, public speaking.....	600.00	600.00
Winifred Tilden, public speaking.....	175.00	175.00
(Receives \$225.00 additional from current expense).		
Anna Wilkins, domestic economy.....	800.00	800.00
Ruth Morrison, domestic economy.....	600.00	600.00
Mary Rausch, domestic economy.....	100.00	100.00
Carolyn Gabrielsen, library.....	600.00	600.00
Student assistants, library.....	225.00	225.00
Mr. and Mrs. F. J. Reeler, music.....	500.00	500.00
C. E. Ellis, chemistry.....	1,000.00	1,000.00
Assistants, chemistry.....	400.00	400.00
	<hr/>	<hr/>
	\$31,555.66	\$5,110.00
		\$430.00
		\$38,085.66

*Engineering Experiment Station.....
 **Good Roads.....

Summarizing the salaries charged against the different funds, we have:

Educational Support fund including administrative officers.....	\$113,999.00
Agricultural Experiment Fund.....	23,316.66
Engineering Experiment Fund.....	950.00
Good Roads.....	1,520.00
Repairs and Improvements.....	500.00
Total.....	<hr/> \$140,285.66

These salary totals differ from the salary totals which appear in the expense budgets of the college and station. This is due to the fact that the fiscal year and college year do not co-incide, the one beginning July 1st, the other not until September 1st. The fiscal salary year therefore includes two months of one school year and ten months of the one that follows. The salaries given represent however, the basis of expense, in these different lines, on which the College will run after the school year begins, Sept 1, 1906.

In making up the expense budget of the Agricultural Experiment Station, account is taken of the cash on hand as well as the income from State and national sources. The amount available for the fiscal year 1905-1906 is made up as follows:

Cash on hand at beginning of year.....	\$ 4,111.26
National appropriation	15,000.00
State appropriation	25,000.00
Total	<u>\$44,111.26</u>

Under the orders of the Board this is apportioned as follows:

AGRICULTURAL EXPERIMENT STATION BUDGET.

1905-1906.

For salaries of Station Staff and Assistants....		\$22,656.09
For Expenses of Sections—		
Bulletins and Bulletin Office.....	\$4,000.00	
General expenses, heat, water, janitors, etc	1,450.00	
Director's office	1,200.00	
Animal Husbandry	3,750.00	
Agronomy, including Farm Crops.....	3,000.00	
Soils	800.00	
Agricultural Engineering.....	600.00	
Horticulture and Forestry.....	2,000.00	
Dairying	1,000.00	
Veterinary	400.00	
Chemistry	1,000.00	
Botany	700.00	
Entomology	600.00	
Photographic Supplies and Current expenses	750.00	
Emergency and Building.....	205.17	\$21,455.17
Total		<u>\$44,111.26</u>

It is the policy of the Board to limit the appropriations for any year to the funds available during that year. In neither the building nor support funds have any appropriations been made in conflict with this policy. All outstanding contracts and obligations can be met by the funds which will come in during the present fiscal year.

GRADUATES AND DEGREES.

The following table shows the number of graduates in the different college courses during the biennial period:

College Course.	First Year, June, 1904.	Second Year, June, 1905.
In the course in agronomy.....	4	10
In the course in dairying.....	3	7
In the course in animal husbandry.....	12	25
In the course in horticulture.....	3	2
In the course in veterinary science ..	4	12
In the course in mechanical engineering.....	19	21
In the course in civil engineering	19	31
In the course in electrical engineering.....	26	21
In the course in mining engineering	3	3
In the course in science as related to the industries.....	14	15
In the course in general and domestic science	13	19
Totals.....	120	166

Appropriate degrees were conferred upon these graduates.
Other degrees were conferred as follows:

MASTER OF SCIENTIFIC AGRICULTURE.

June, 1904.

H. M. Bainer,
J. H. Frandson,
C. Larsen.

June, 1905.

A. G. Lauder,
J. T. Caine,
T. S. Hunt,
L. S. Klinck,
R. Rueda.

ADVANCED DEGREES IN ENGINEERING.

Degree of Civil Engineer.

W. C. Armstrong, F. C. French,
George W. Catt. J. C. Sample.

Degree of Mechanical Engineer.

D. M. Hosford. R. M. Dyer.

Degree of Electrical Engineer.

B. S. Lamphear.

Degree of Mining Engineer.

L. E. Young.

SUMMARY FOR 1906.

Graduates in four year courses.....	166
Post-graduates.....	8
Completing two years' course in Domestic Science.....	8
Total.....	182

Respectfully submitted,

E. W. STANTON,
Secretary.

INDEX

	Page.
Additional Land Needed.....	65
Agriculture, Courses in.....	15
Agriculture, Division of.....	6
Agriculture, Hall of.....	46
Agricultural Buildings, New.....	116-117
Agricultural Engineering.....	7
Agricultural Engineering Hall.....	16
Agricultural Experiment Station	
Report of Director.....	90-95
Budget for 1905.....	158
Agricultural Fellowship Fund.....	146
Agricultural Journalism.....	146
Agronomy Department.....	6
Agronomy Section.....	23
Animal Husbandry Department.....	8, 41
Animal Husbandry Section.....	23
Architecture.....	84, 79
Athletic Field, Removal of.....	88
Attendance.....	19
Auditorium.....	44
Board of Trustees	
List of.....	156
Officers of.....	106
Committees of.....	107
Powers and duties.....	107-109
Botany.....	12-43
Bridges.....	87
Budget for 1905 and 6.....	153, 154-158
Buildings.....	16-18, 43
Buildings, Improvements and Repairs.....	115-124
Bulletins, Experiment Station.....	54-57
Campus.....	36
Cement Walks.....	87
Central Building.....	18-119-122-123
Central Heating Plant.....	17, 47, 126
Changes in Faculty.....	84-88
Chemical Engineering.....	36, 78
Civics.....	18
Civil Engineering Department.....	10
Civil Engineering Section.....	24
Clay Fund for Agricultural Journalism.....	146
College Campus.....	36
College Plant.....	108-112
College, Needs of.....	36-51
Committees, Membership and Duties.....	107-109
Courses Offered.....	14-16
Course of Study.....	2-12
Dairying.....	7, 41
Dairy Building.....	17, 68, 123
Dairy Section.....	51

	Page
Dairy Building, Farm and Equipment.....	122-123
Dairy Farm, Equipment of.....	68
Dean of Agriculture, Report of.....	60-66
Dean of Engineering, Report of.....	74-91
Dean of Veterinary Medicine, Report of.....	69-72
Degrees Conferred.....	188
Diploma Fund.....	145
Director's House.....	50
Division of Agriculture.....	6
Division of Engineering.....	10
Economic Science.....	13
Educational Support Fund.....	141-142, 153-158
Electrical Engineering Department.....	10
Electrical Engineering Section.....	34
English.....	13
Engineering, Division of.....	10
Engineering, Courses in.....	15
Engineering Experiment Station.....	11, 77, 138
Engineering Shops.....	45
Endowment Fund.....	112-115
Engineering Students.....	74-75
Engineering Division, Needs of.....	79
Engineering Equipment.....	81
Engineering Hall.....	115
Engineering Support.....	81
Equipment.....	39
Experiment Station Bulletins.....	54-57
Experiment Station Support Funds.....	143
Faculty, Changes in.....	84-88
Faculty Club House.....	49
Farm Crops.....	8
Farm Live Stock.....	63
Fees.....	23, 144
Financial Reports.....	98, 150
Forestry.....	9
Good Roads Fund.....	135, 188
Graduate Courses and Work.....	16
Grading.....	28
Graduates and Degrees.....	150
Gymnasium.....	44
Hall of Agriculture.....	46
Highway Commission.....	51, 77
History.....	13
Hospital.....	45
Horticulture.....	8, 40
Horticultural Storage House.....	17
Iowa State Fair Scholarship.....	146
Increased General Expenses.....	22
Inventories.....	110-112
Laboratories and Fees.....	23, 80
Landscape Work.....	88
Land Needed.....	65
Library.....	43
Mathematics.....	11
Mechanical Engineering Department.....	10
Mechanical Engineering Section.....	84
Mining Engineering Department.....	10
Mining Engineering Section.....	84
Minor Sources of Income.....	144-148
Music.....	14
Needs of the College.....	86-91

	Page
Needs of the Engineering Division.....	79
Organization of the College.....	5-8
.....	14
Post Graduate Work.....	22
Poultry Department.....	64
President's Report.....	5-81
Pure Bred Stock.....	185
Receipts and Disbursements for Biennial Period.....	148-151
Removal of Athletic Field.....	38
Report of President.....	5-81
Report of Deans.....	60-91
Report of Director.....	90-95
Report of Treasurer.....	98-105
Report of Secretary.....	106-159
Repairs and Improvements.....	88-90, 128-133
Room Rent Fund.....	145
Resources of the College.....	151
Sales.....	144
Salary Roll.....	154-156
Sale and Wreckage Account.....	146
Science, Courses in.....	15
Science, Division of.....	11
Secretary's Report.....	106-159
Shops.....	45-90
Soils.....	6
Special Building Tax.....	132-134
Special State Appropriations.....	134-139
State Support.....	35
State Highway Commission.....	51, 77
Support Funds.....	139-144
Technology, Institute of.....	21
Treasurer's Report.....	98-105
Veterinary Building.....	44
Veterinary Science.....	9
Walks.....	87
Woman's Hall.....	48
Zoology.....	18

FIFTEENTH BIENNIAL REPORT

OF THE

IOWA STATE NORMAL SCHOOL

AT

CEDAR FALLS, IOWA.

SCHOOL YEARS 1903-1904 AND 1904-1905.

PRINTED BY ORDER OF THE GENERAL ASSEMBLY.

**DES MOINES:
BERNARD MURPHY, STATE PRINTER.
1905.**

LETTER OF TRANSMITTAL.

To the Governor of Iowa:

As required by Section 2680 of the Code of Iowa, the Board of Trustees of the Iowa State Normal School at Cedar Falls herewith transmits its report for the biennial period ending June 30, 1905.

ALFRED GRUNDY,
Secretary.

IOWA STATE NORMAL SCHOOL.

STATE BOARD OF CONTROL.

G. S. ROBINSON, Sioux City.....Term expires 1906
L. G. KINNE, Des MoinesTerm expires 1908
JOHN COWNIE, South Amana.....Term expires 1910

BOARD OF TRUSTEES.

JOHN F. RIGGS, *Ex officio*, Des Moines, Superintendent of Public Instruction.

I. J. McDUFFIE, Le Mars.....	}	Term expires May 1, 1906.
ROGER LEAVITT, Cedar Falls.....		
W. A. MCINTIRE, Ottumwa.....	}	Term expires May 1, 1908.
C. H. McNIDER, Mason City.....		
B. F. OSBORN, Rippey.....	}	Term expires May 1, 1910.
E. H. GRIFFIN, Atlantic.....		

OFFICERS OF THE BOARD, 1905-1906.

JOHN F. RIGGS, *ex officio*, Des Moines.....*President*
I. J. McDUFFIE, Le Mars.....*Vice-President*
HOMER N. SILLIMAN, Cedar Falls.....*Treasurer*
ALFRED GRUNDY, Cedar Falls.....*Secretary*
LILIAN G. GOODWIN, Cedar Falls.....*Assistant Secretary*

STANDING COMMITTEES, 1905-1906.

Executive Committee—I. J. McDuffie, B. F. Osborn, W. A. McIntire.
Finance Committee—C. H. McNider, Roger Leavitt, E. H. Griffin.
Building Committee—I. J. McDuffie, Roger Leavitt, W. A. McIntire.

REPORT OF BOARD OF TRUSTEES.

TEACHERS EMPLOYED AND COMPENSATION OF EACH PAID DURING BIENNIAL
PERIOD FOR THE REGULAR SCHOOL YEAR, FALL, WINTER
AND SPRING TERMS.

	1904	1905	1906
Homer H. Seerley, President.	\$ 5,000.00	\$ 5,000.00	\$ 5,000
Moses W. Bartlett, English.....	1,200.00	.....	.....
David S. Wright, Mathematics.....	1,800.00	1,800.00	1,800
Anna E. McGovern, Methods.....	1,200.00	1,200.00	1,200
Sara M. Riggs, History.....	1,200.00	400.00	1,200
Julia E. Curtiss, Music.....	250.00	250.00	250
Abbott C. Page, Chemistry.....	1,800.00	1,800.00	1,800
Melvin F. Arey, Natural Science.....	1 800.00	1,800.00	1,800
Leonard W. Parish, Political Science.....	1,800.00	1,800.00	1,800
Mary E. Simmons, English.....	1,300.00	1,300.00	1,300
George W. Samson, Psychology.....	1,800.00	1,800.00	1,800
Arthur W. Rich, Mathematics	1,800.00	1,800.00	1,800
Etta Suplee, Training School	1,200.00	1,200.00	1,200
G. W. Walters, Didactics.....	1,800.00	1,800.00	1,800
Henrietta Thornton, Drawing.....	900.00	1,200.00	1,200
Myra E. Call, Latin.....	1,100.00	1,200.00	1,200
Bertha L. Patt, Drawing.....	1,000.00	1,000.00	1,000
Eva L. Gregg, English.....	1,000.00	1,000.00	1,000
C. P. Colgrove, Psychology	1,800.00	1,800.00	1,800
F. A. Fitz Gerald, Instrumental Music....	266.66	1,000.00	1,000
Wilbur H. Bender, Training School.....	1,800.00	1,800.00	1,800
Edith C. Buck, Methods.....	1,100.00	1,200.00	1,200
Laura Falkler, Elocution and Reading....	900.00	1,000.00	1,000
George W. Newton, Natural Science... .	1,600.00	1,800.00	1,800
C. A. Fullerton, Vocal Music.....	1,600.00	1,800.00	1,800
Enola Pearl Pierce, Elocution	1,200.00	1,200.00	.....
Sara F. Rice, History.....	1,100.00	1,200.00	1,200
Harry C. Cummins, Penmanship.....	1,100.00	1,200.00	1,200
F. C. Eastman, Latin.....	1,800.00	1,800.00	1,800
Ira S. Condit, Mathematics	1,600.00	1,800.00	1,800
Jennie G. Hutchison, Latin	850.00	1,000.00	1,000
Elizabeth Hughes, Training School.....	850.00	1,000.00	1,000
Laura Seals, Mathematics.....	850.00	1,000.00	1,000

	1904	1905	1906
Louis Begeman, Physics.....	1,800.00	1,800.00	1,800
Jennette Carpenter, English.....	1,100.00	1,200.00	1,200
Carrie B. Parker, English.....	94.44	1,000.00	1,000
Ruth Adsit, Training School.....		850.00	850
S. F. Hersey, Physics.....	1,300.00	1,500.00	1,500
Mamie F. Hearst, English.....	850.00	950.00	950
W. W. Gist, English.....	1,800.00	1,800.00	1,800
Karl F. Geiser, Political Science.....	1,600.00	1,800.00	.....
J. B. Knoepfler, German.....	1,600.00	1,800.00	1,800
Ida Fesenbeck, Training School.....	800.00	1,000.00	1,000
Bertha L. Marsh, Geography.....	233.33	.....	.....
George B. Affleck, Physical Training.....	1,200.00	1,600.00	1,800
Grace W. Knudsen, Physiography.....	1,100.00	400.00	.....
Margaret Oliver, English and Mathematics	600.00	1,000.00	1,000
Robert Fullerton, Vocal Music.....	600.00	800.00	.....
Laura Bowman, Training School.....		700.00	750
Nellie Dority, Training School.....	132.00	.....	.....
Emma Lambert, Mathematics.....		850.00	850
Charles Pell, Physical Training.....	900.00	900.00	1,000
Amy F. Arey, Training School.....	600.00	.....	.....
Clara Tilton-Hack, Physical Training.....	900.00	400.00	.....
Alison Aitchison, Physiography.....	520.00	700.00	900
Emily Gardner, Training School.....	360.00	80.00	.....
Esta Ross Training School.....	360.00	.....	.....
Mabel Christian, Training School.....	360.00	360.00	.....
Lillian Chantry, English and History.....	700.00	630.00	.....
Sarah Quigley, Mathematics.....	700.00	.....	.....
B. W. Merrill, Instrumental Music.....	533.34	800.00	800
Eva Luse, Training School.....	108.00	360.00	.....
Louise Rowe, Drawing.....	300.00	.....	.....
C. S. Hammock, Manual Training.....		1,400.00	.....
Frank D. Eaman, Oratory.....		1,200.00	.....
Harriette E. Gunn, Kindergarten.....		1,000.00	1,100
Mrs. Alma E. McMahon, Domestic Science.....		1,000.00	1,000
Emma B. Paffendorf, Physical Training.....		949.33	1,000
Ralph Rigby, Vocal Music.....		800.00	.....
Henrietta D. Plock, German.....		700.00	750
Mary Williamson, Kindergarten.....		133.33	360
Alice Luscombe, Physical Training.....		266 67	.....
John A. Larsen, Physical Training.....		144.00	.....
Josephine Forrest, Kindergarten.....		60.00	.....
Gladys Dunn, Penmanship.....		70.00	.....
Forrest Wheeler, Physical Science.....		20.00	.....
Albert J. Meyer, Penmanship.....		15.00	.....
Elsie Long, Training School.....		360.00	360
Ellen Hull, Training School.....		240.00	360
Etta Hildebrand, Training School.....		.....	360
Floer Correll, Training School.....		.....	360

	1904	1905	1906
Clara V. Carter, Physical Training.....			1,000
Bertha Martin, Elocution.....			1,400
Thomas W. Todd, Oratory.....			1,200
Clara Cressey, Vocal Music.....			1,100
Anna Gertrude Childs, Vocal Music.....			150
Mrs. Katharine E. Gray, Vocal Music.....			150
C. L. Hawk, Manual Training.....			225
E. J. Cable, Physiography.....			900
Chas. H. Bailey, Manual Training.....			1,400
Total.....	\$67,517.77	\$78,588.33	\$78,725

SUMMER SCHOOL SALARIES.

David S. Wright, Mathematics.....	\$ 350.00	\$ 350.00
Anna E. McGovern, Methods.....	270.00	270.00
Sara M. Riggs, History.....		240.00
Julia E. Curtiss, Music.....	50.00	50.00
Abbott C. Page, Chemistry.....	350.00	
Melvin F. Arey, Natural Science.....	350.00	350.00
Leonard W. Parish, Political Science.....	350.00	350.00
Mary E. Simmons, English.....	280.00	280.00
George W. Samson, Psychology.....	350.00	350.00
Arthur W. Rich, Mathematics.....	550.00	350.00
Etta Suplee, Training School.....	188.00	300.00
G. W. Walters, Didactics.....	350.00	350.00
Henrietta Thorton, Drawing.....	240.00	240.00
Myra E. Call, Latin.....		240.00
Bertha L. Patt, Drawing.....	200.00	200.00
Eva L. Gregg, English.....		200.00
C. P. Colgrove, Psychology.....	350.00	350.00
F. A. Fitzgerald, Instrumental Music.....		200.00
Wilbur H. Bender, Training School.....	350.00	350.00
Laura Falkler, Elocution.....		200.00
George W. Newton, Natural Science.....	350.00	350.00
C. A. Fullerton, Vocal Music.....	350.00	350.00
Enola Pearl Pierce, Elocution.....	240.00	
Sara F. Rice, History.....	240.00	240.00
Harry C. Cummins, Penmanship.....	220.00	240.00
F. C. Eastman, Latin.....	350.00	350.00
Ira S. Condit, Mathematics.....	350.00	350.00
Jennie G. Hutchinson, Latin.....	170.00	
Elizabeth Hughes, Physiography.....	170.00	
Laura Seals, Mathematics.....	170.00	
Louis Begeman, Physics.....	350.00	350.00
S. F. Hersey, Physics.....	250.00	290.00
W. W. Gist, English.....	350.00	350.00
Karl F. Geiser, Political Science.....	350.00	350.00

J. B. Knoepfler, German.....	350.00	350.00
Ida Fesenbeck, Industrial Work and Mathematics.....	170.00	200.00
Bertha L. Marsh, Physiography.....	170.00	.....
George B. Affleck, Physical Training.....	250.00	310.00
Dennis M. Kelley, Mathematics.....	300.00	.....
Guy Stanton Ford, History.....	280.00	.....
Clara A. Tilton, Physical Training.....	200.00	.....
Matilda Harrington, Latin.....	180.00	.....
Louise M. Rowe, Drawing.....	180.00	.....
Nellie B. Wallbank, English.....	160.00	.....
Sarah Quigley, Mathematics.....	140.00	.....
Alice C. Inskeep, Vocal Music.....	125.00	.....
Blanche Renne, Vocal Music.....	90.00	.....
Ethel Lovitt, Vocal Music.....	90.00	.....
Clinton O. Bates, Physical Science.....	250.00	250.00
Flora Wilber, Primary Methods.....	200.00	200.00
B. W. Merrill, Instrumental Music.....	160.00	160.00
Mrs. Emma Dahlin Ingalls, Drawing.....	160.00	160.00
Ralph Rigby, Vocal Music.....	150.00	160.00
Robert Fullerton, Vocal Music.....	150.00	160.00
Emma Paffendorf, Physical Training.....	.....	200.00
Grace W. Knudsen, Physiography.....	.....	240.00
Alison Aitchison, Physiography.....	.....	140.00
Frank D. Eaman, Oratory.....	.....	240.00
C. S. Hammock, Manual Training.....	.....	280.00
Mrs. Alma E. McMahon, Domestic Science.....	.....	200.00
Harriette E. Gunn, Kindergarten.....	.....	200.00
Nannie Love, Vocal Music.....	.....	100.00
Emma Lambert, Mathematics.....	.....	170.00
C. L. Hawk, Manual Training.....	.....	35.00
Grace Owens, Manual Training.....	.....	35.00
Alda Flansburg, Manual Training.....	.....	35.00
Ellen Hull, Training School.....	.....	35.00
Elizabeth J. Conner, Physical Training.....	.....	50.00
Forrest Z. Wheeler, Physical Science.....	.....	60.00
Mary Williamson, Kindergarten.....	.....	30.00
Total.....	\$12,243.00	\$12,440.00

SALARIES PAID OTHER EMPLOYEES SINCE JUNE 30, 1903.

	1904.	1905.
Anna R. Wild, president's secretary.....	\$ 900.00	\$ 1,080.00
Lillian G. Goodwin, president's secretary.....	900.00	1,080.00
Millicent Wartiner, stenographer.....	588.50	647.75
Kathryn Blachart, stenographer.....	207.50	.....
Mary Zillen, stenographer.....	240.00	535.00
Clem C. Seerley, clerk.....	31.00	116.00
May Wright, clerk.....	63.00	.....
Kate Moore, clerk.....	.....	21.00
George Wallace, clerk.....	.....	56.00
Delpha Davis, clerk.....	.....	258.00
James E. Robinson, superintendent, with residence	1,450.00	1,500.00
J. C. Cook, engineer.....	999.96	1,000.00
G. E. Palmer, assistant engineer.....	660.00	780.00
Peter Christensen, carpenter.....	650.00	665.00
James Shields, night watchman.....	650.00	660.00
Charles G. Wiler, janitor.....	588.72	600.00
Thomas N. Justice, janitor.....	590.00	600.00
James Justice, janitor.....	590.00	600.00
I. G. Long, janitor.....	590.00	600.00
W. B. Hoats, janitor.....	315.00	570.00
M. T. Coleman, janitor.....	180.00	560.00
W. F. Wiler, janitor.....	343.54	.....
John Phelps, janitor.....	229.80	.....
W. Y. McAllister, fireman.....	590.00	450.00
A. M. Cleveland, fireman and yardman.....	530.00	540.00
William Wallace, fireman and yardman.....	510.00	540.00
Don Campbell, night watchman.....	24.50	10.50
Ray Cleveland, night watchman.....	.....	17.50
H. G. Klinefelter, firemen.....	.....	350.00
W. H. Eason, janitor.....	.....	135.00
Elmer Maxson, janitor.....	.....	199.95
Hans Hansen, janitor.....	.....	270.00
P. S. Robinson, stock clerk and carpenter.....	.....	75.00
Mrs. T. N. Justice, matron women's gymnasium..	.....	131.00
Anna M. Baker, librarian.....	815.00	835.00
Ethel L. Arey, assistant librarian.....	690.00	705.00
Clara A. Drenning, library cataloger.....	762.46	820.67
Jesse Mantle, library clerk.....	.....	140.00
Mary Stuart, library clerk.....	.....	10.00
Total.....	\$14,688.98	\$17,158.37

**ANNUAL SALARIES CONTRACTED TO BE PAID OTHER
EMPLOYES THAN TEACHERS FOR THE YEAR 1905-1906.**

	Contingent Fund.
Anna R. Wild, president's secretary.....	\$1,080.00
Lillian G. Goodwin, president's secretary.....	1,080.00
Millicent Warriner, stenographer.....	720.00
Edna Poorbaugh, stenographer.....	480.00
Delpha Davis, office messenger.....	312.00
James E. Robinson, superintendent with residence....	1,500.00
J. C. Cook, engineer.....	1,000.00
G. E. Palmer, assistant engineer.....	780.00
Peter Christensen, carpenter.....	720.00
James Shields, night watchman.....	660.00
Charles G. Wiler, janitor.....	600.00
Thomas N. Justice, janitor.....	600.00
James Justice, janitor.....	600.00
I. G. Long, janitor.....	600.00
W. B. Hoats, janitor.....	600.00
M. T. Coleman, janitor....	600.00
Elmer Maxson, janitor.....	560.00
Hans Hansen, carpenter and stock clerk.....	570.00
Janitor for men's gymnasium.....	540.00
H. G. Klinefelter, fireman	600.00
A. M. Cleveland, fireman and yardman.....	540.00
William Wallace, fireman and yardman.....	540.00
Mrs. T. N. Justice, matron women's gymnasium.....	240.00
Total	<hr/> \$ 15,522.00
	Librarian's Salary Fund.
Anna M. Baker, librarian.....	\$ 835.00
Ethel L. Arey, assistant librarian.....	705.00
Clara A. Drenning, library cataloger.....	840.00
Total	<hr/> 2,380.00
Total to be paid other employees.....	<hr/> \$ 17,902.00

FINANCIAL STATEMENT FROM THE RECORDS OF THE BOOKKEEPER.

SUPPORT OF SCHOOL FOR TWO YEARS, 1903-1905.

AMOUNTS ON HAND IN DIFFERENT FUNDS, JULY 1, 1903.

Students' contingent fund.....	\$ 14.00
Library fund.....	683.16
Summer contingent fund.....	5,298.75
Building fund.....	66.00
Repair fund.....	530.15
Military instruction fund.....	51.88
Commencement contingent fund.....	29.46
Furnishing fund.....	1,850.14
Roofing fund.....	195.90
Additional boiler fund.....	232.27
Grading fund.....	246.62
Paving fund.....	3,000.00
Millage fund.....	2,775.93
Total.....	\$ 14,974.26
Overdraft in different funds, July 1, 1903—Contingent fund.....	\$ 1,166.80
Total.....	\$ 13,807.46

RECEIVED FROM STATE APPROPRIATIONS FOR TWO YEARS, 1903-1905.

Teachers' fund, permanent.....	\$129,166.66
Contingent fund, permanent.....	56,125.00
Millage fund, one-tenth mill tax.....	130,150.00
Library fund.....	4,000.00
Librarian's salary fund.....	4,500.00
Military instruction fund.....	800.00
Summer term fund.....	14,000.00
Engineer, fireman and watchman fund.....	1,250.00
Fuel fund.....	3,750.00
Repair fund.....	750.00
Grading, paving and walks fund.....	2,250.00
Total.....	\$355,741.66

RECEIVED FROM OTHER SOURCES FOR TWO YEARS, 1903-1905.

Students' contingent fund, fees collected.....	\$ 29,118.95
Summer term contingent fund, fees collected.....	10,367.65
Commencement contingent fund, fees collected.....	704.00
Commencement contingent fund, two class plays....	332.14
Library fund, fines, books lost.....	195.05
Contingent fund, material sold and laboratory fees..	384.74
Millage fund, warrants refunded.....	83.70
Independent District of Cedar Falls, paid for teaching in training school.....	3,956 42
Independent District No. 5, Cedar Falls township, paid for teaching in training school.....	733.95
Received from transfer of funds.....	41,011.22
Total.....	<u>\$ 86,887.82</u>

RESUME.

Amount on hand July 1, 1903.....	\$ 13,807.46
State appropriations.....	355,741.66
Other sources	86,887.82
Total.....	<u>\$456,436.94</u>

SUPPORT OF SCHOOL FOR BIENNIAL PERIOD.

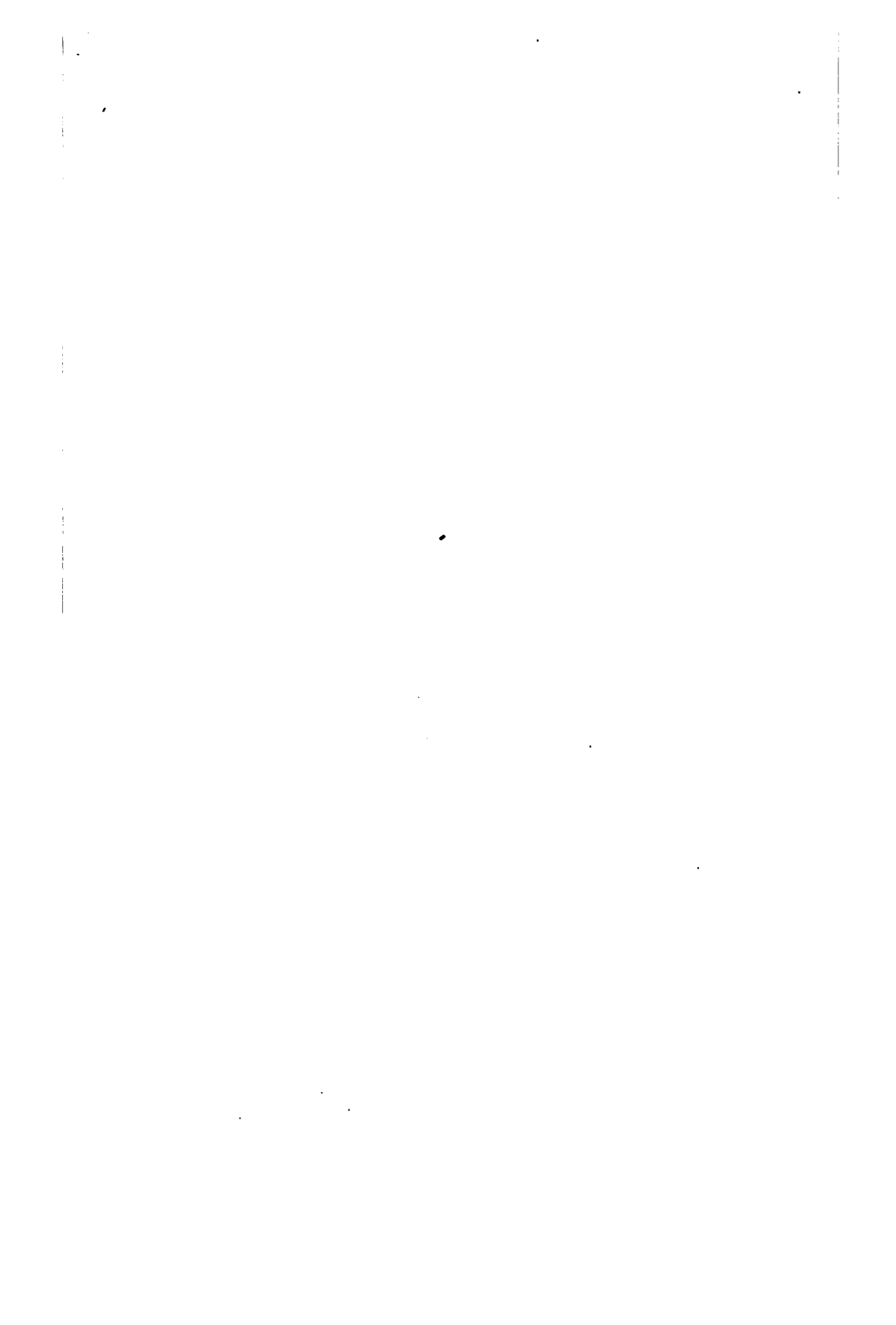
1904-1906.

APPROPRIATIONS, 1904-1906.

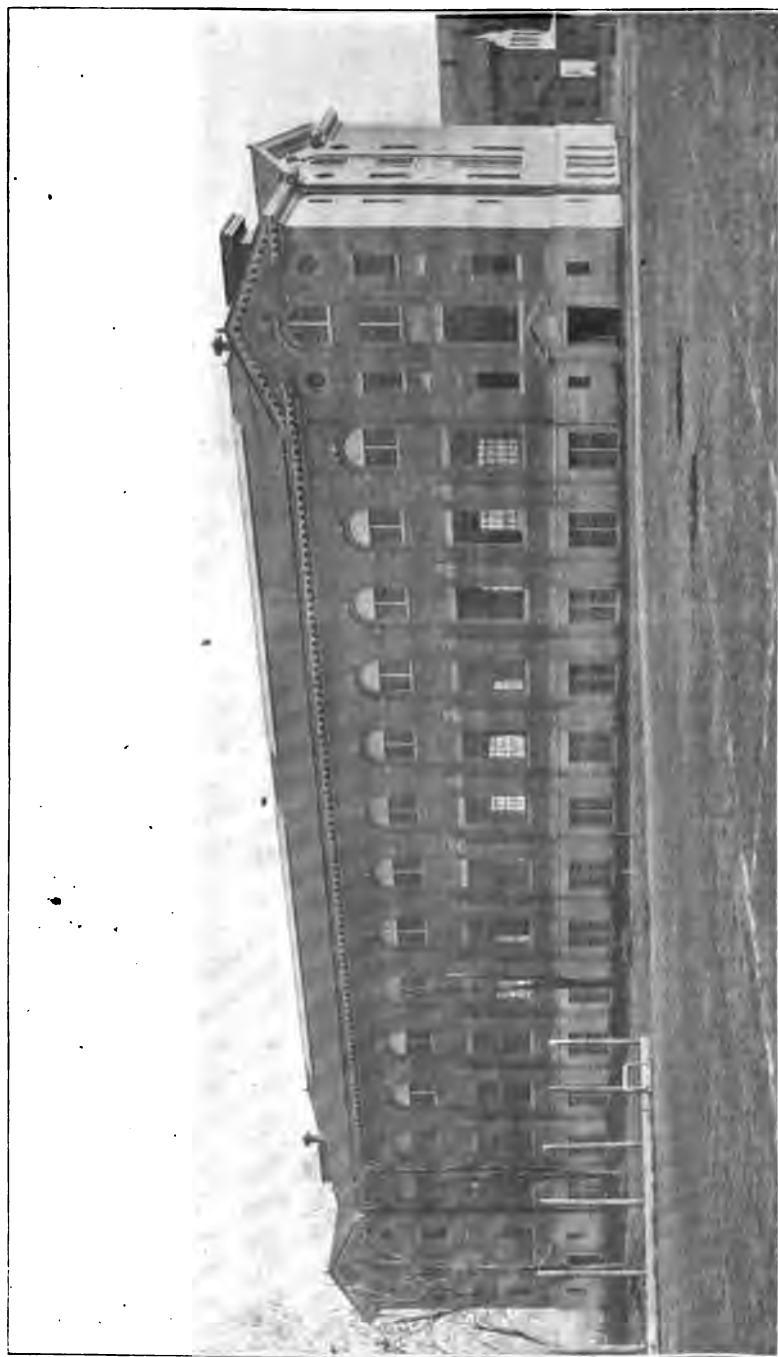
Teachers' fund, permanent.....	\$ 145,000.00	
Contingent fund, permanent	68,000.00	
Millage fund.....one-tenth mill tax		
Library fund	5,000.00	
Librarian's salary fund.....	5,000.00	
Grading fund.....	3,000.00	
Fuel fund	3,750.00	
Engineer, fireman and watchman fund	1,250.00	
	<hr/>	
Total.....		\$ 231,000.00

ESTIMATED RECEIPTS FROM OTHER SOURCES.

Students' contingent fund, in fees	\$ 30,000.00	
Summer term contingent fund, in fees	10,000.00	
Commencement contingent fund, in fees	700.00	
Commencement contingent fund, from class plays.	300.00	
Library fund, in fines and books lost	200.00	
Contingent fund, material sold and lab-fees.....	400.00	
	<hr/>	
Total		41,600.00
Independent School District of Cedar Falls, for teaching in training school.....	\$ 4,000.00	
Independent District No. 5, Cedar Falls town- ship, for teaching in training school	700.00—	4,700.00
		<hr/>
Total estimated receipts from all sources...		\$ 277,300.00

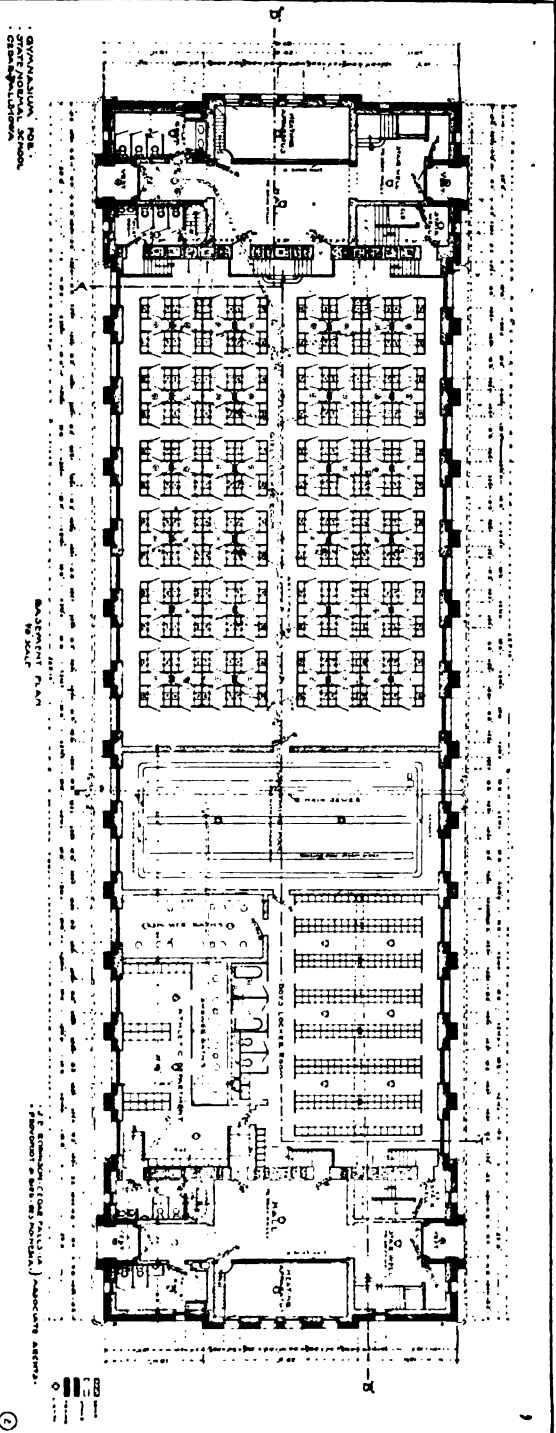


MEN'S AND WOMEN'S GYMNASIUM.



Erected 1904-1905. Dedicated June 5, 1905.

MEN'S AND WOMEN'S GYMNASIUM.

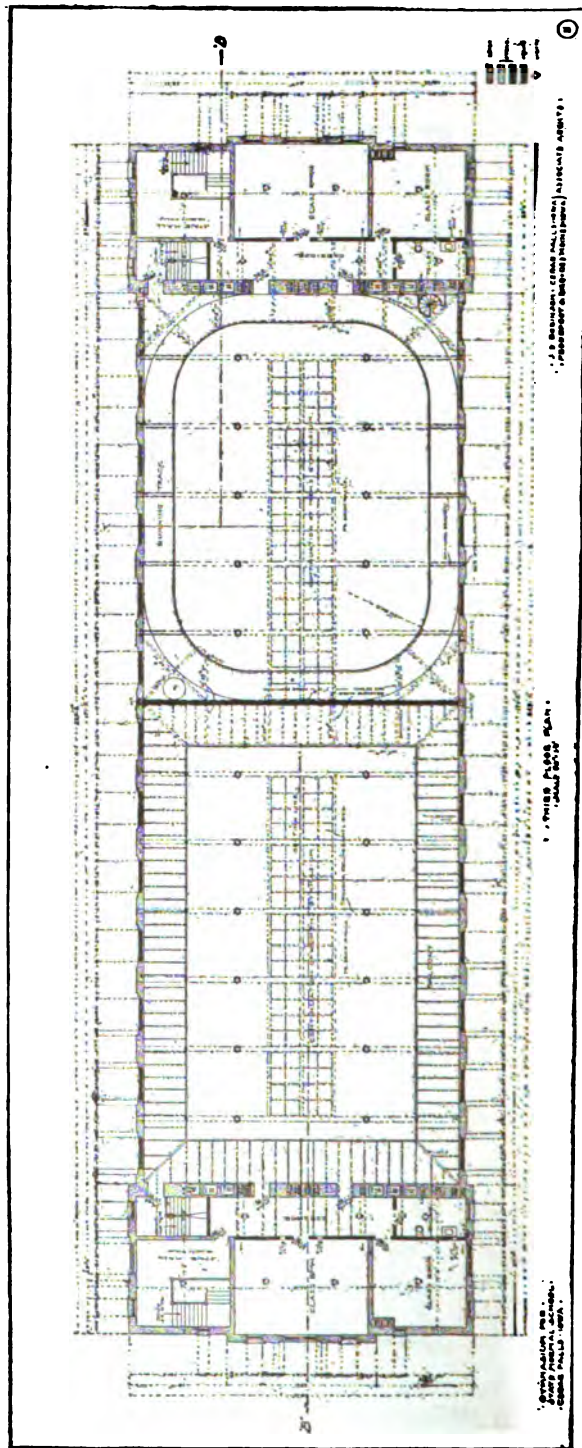


Women's Locker Room.

Basement Plan—18-foot Story.
Natorium.

Men's Locker Room.

MEN'S AND WOMEN'S GYMNASIUM.



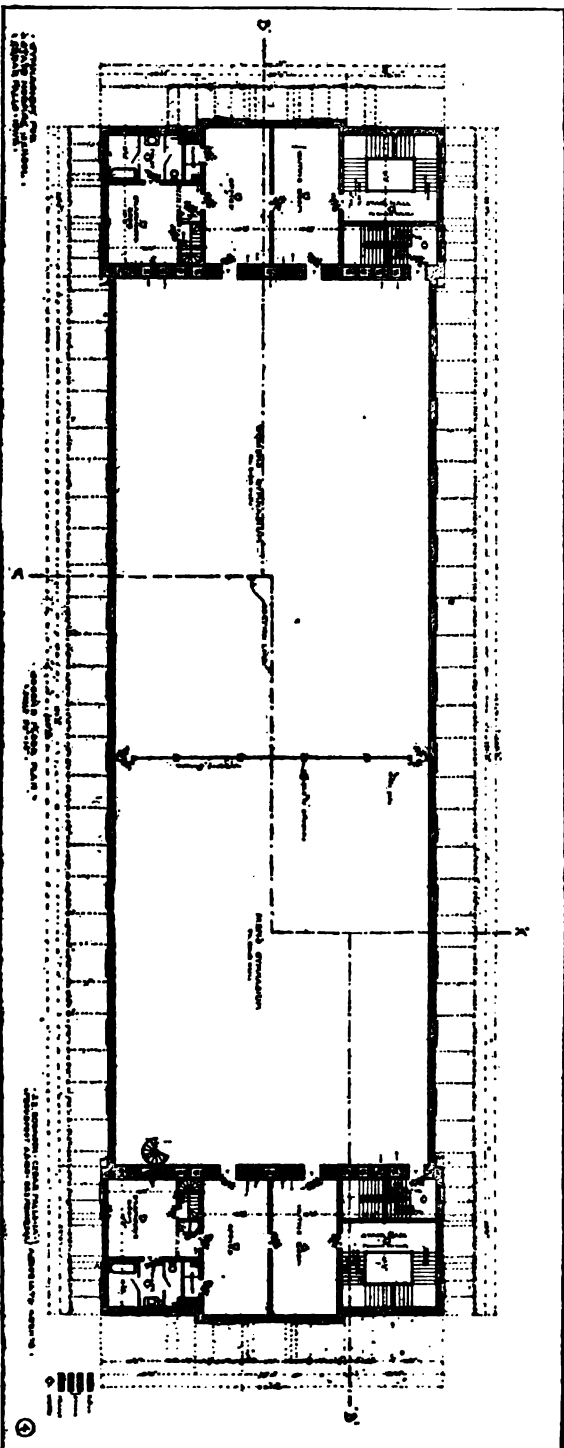
Third Floor Plan - 18-foot Story.

Visitors' Gallery.

Running Track.

Class Room.

MENT'S AND WOMEN'S GYMNASIUM.



Offices.

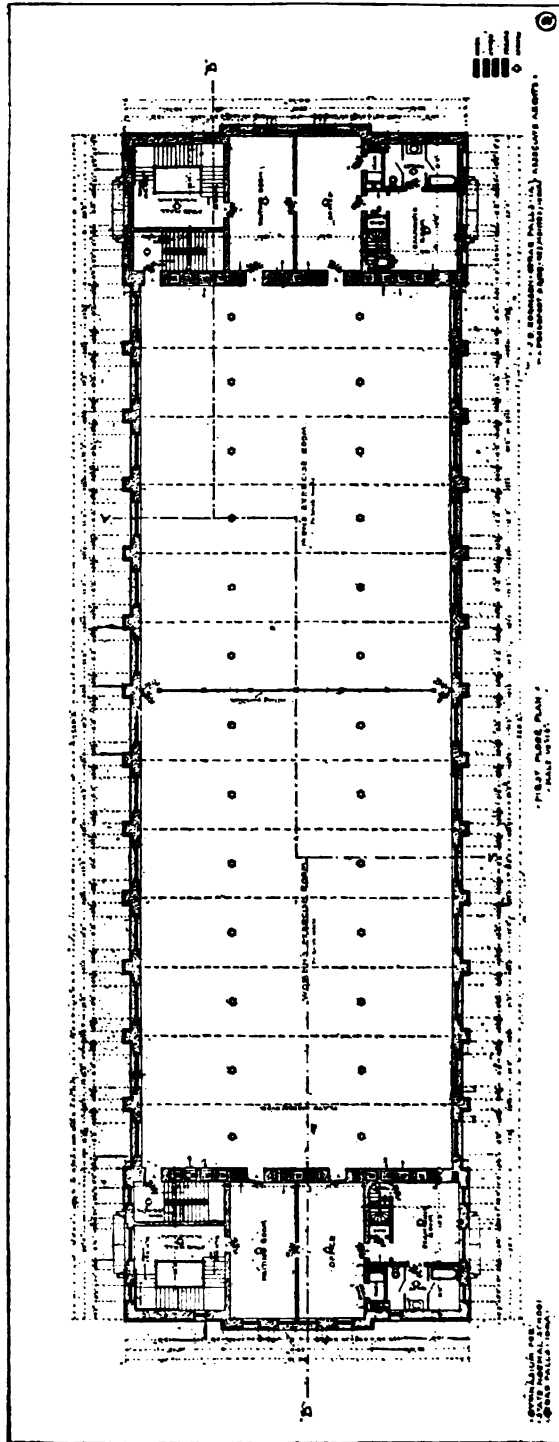
Exercise Room.

Second Floor Plan - 24-foot Story.

Exercise Room.

Offices.

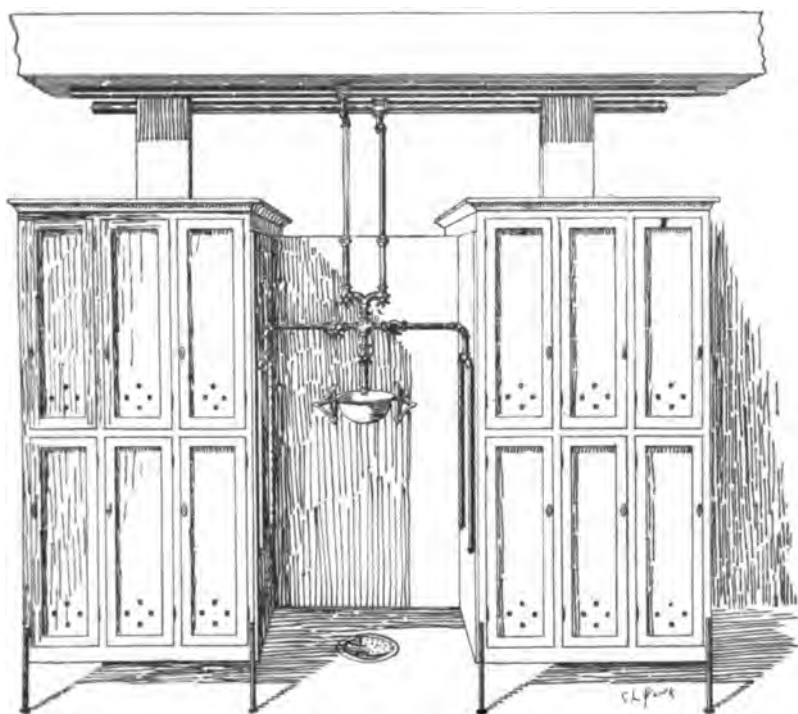
MEN'S AND WOMEN'S GYMNASIUM.



First Floor Plan - 18 foot Story.

Offices. Exercise Room. Exercise Room. Offices.

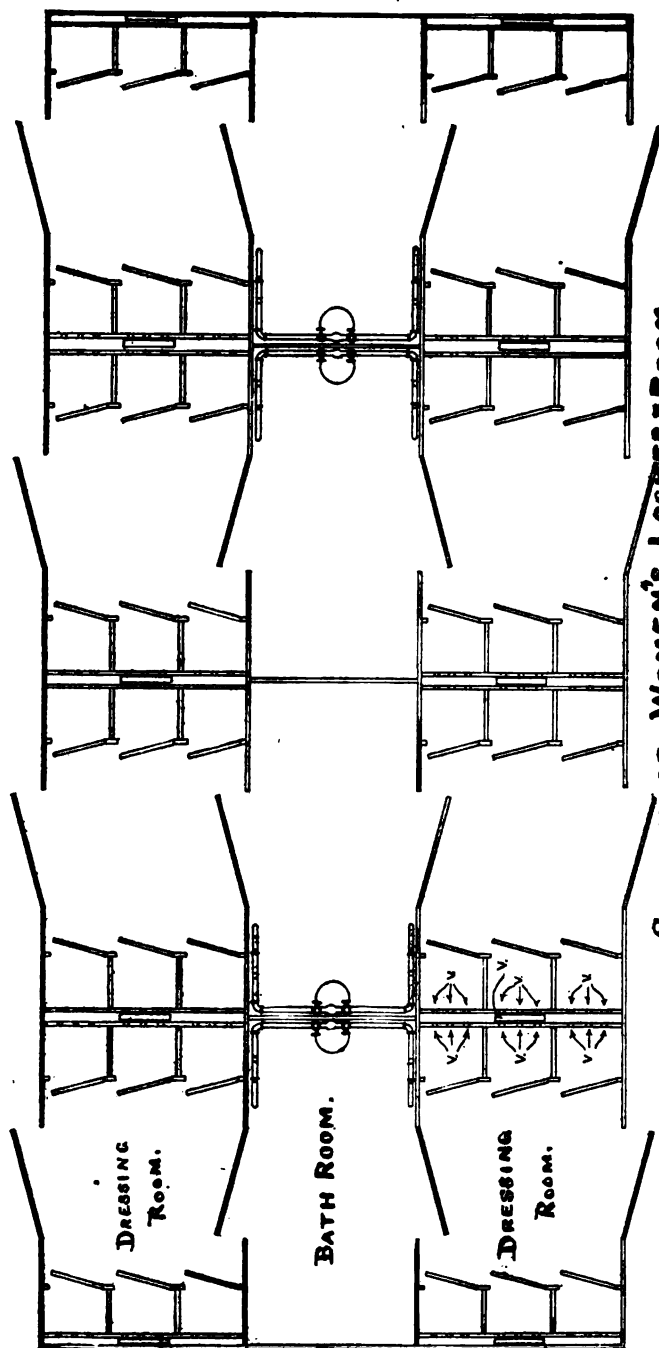
VENTILATION, LOCKER AND BATH SYSTEM.
Women's Department.



**WOMEN'S LOCKER ROOM
AND BATH ROOM.**

There are twenty-four lockers to each bath. These lockers are so arranged as to form the walls of the dressing room. The bath is of original form and is specially adapted to the purpose. The ventilation is by fan in attic, using the conductors shown above the lockers. These sanitary conditions are the first provided in the United States for any school gymnasium.

ARRANGEMENT OF WOMEN'S LOCKERS, DRESSING ROOMS AND BATHS.

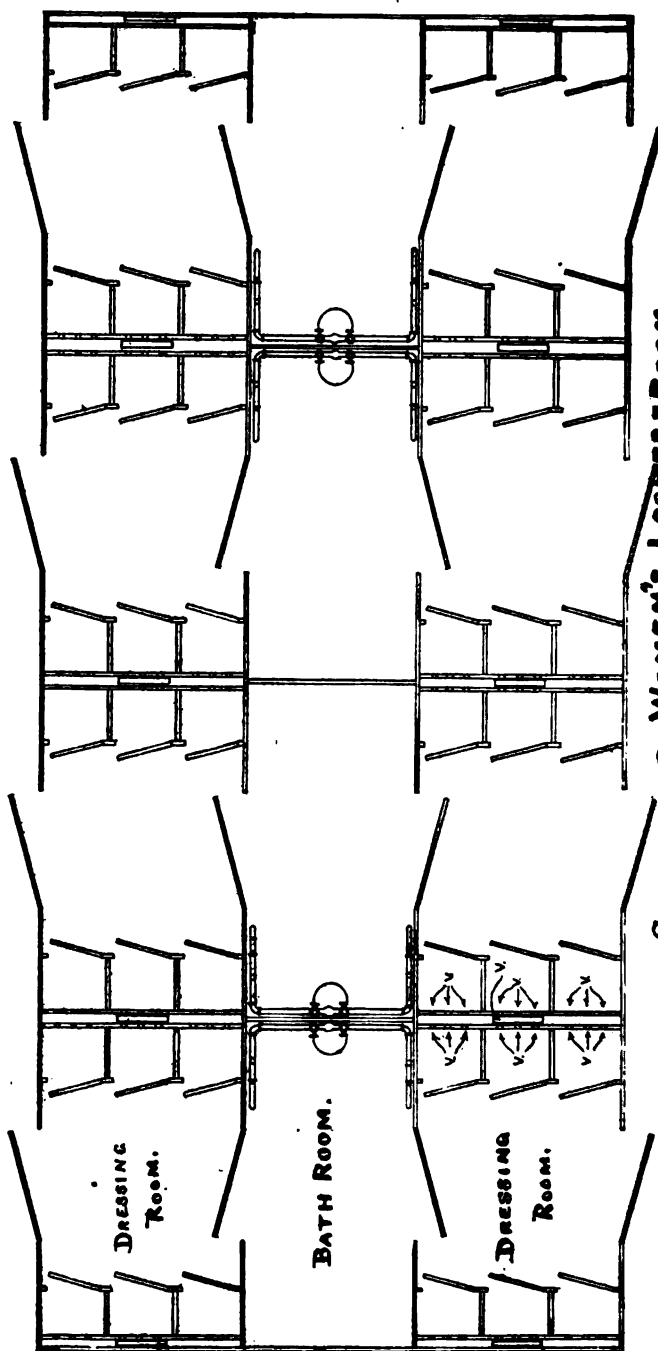


SECTION OF WOMEN'S LOCKER-ROOM.

This shows how privacy is regarded, how ventilation of each locker is individually secured, and how the needle baths are arranged. This is a model arrangement and is successful in administration.



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EXPLANATION OF PLAN.

1. Proposed Library Building.
2. Auditorium Building.
3. Administration Building.
4. Central Building.
5. South Building.
6. Proposed Science Building.
7. Proposed Greenhouse.
8. Proposed Manual Training Building.
9. Barn and Storage.
10. Domestic Science Laboratory.
11. Steam Plant.
12. Power House.
13. Music Building.
14. Physics and Chemistry Building.
15. Gymnasium.
16. President's Cottage.
17. Superintendent's Cottage—proposed
18. Children's Playground.
19. Boys' Playground.
20. Women's Tennis Courts.
21. Women's Hockey Field.
22. Women's Basket Ball Courts
23. Athletic Field.
24. Men's Basket Ball Courts.
25. Men's Tennis Courts.

IOWA STATE NORMAL SCHOOL.

CLASSIFICATION OF STUDENTS 1904.

REGULAR COURSES.

	Gentle- men	Ladies.	Total.
Professional	4	6	10
Fourth year class	31	24	55
Third year class	48	66	114
Second year class	57	102	159
Second year special primary class		38	38
First year special primary class		100	100
First year class	107	359	466
Unclassified summer term students	56	582	638
Special students	9	32	41

HIGH SCHOOL GRADUATE COURSES.

Third year class	24	37	61
Second year class	31	160	191
First year class	38	298	336
Total Normal students	405	1,804	2,209

TRAINING DEPARTMENT.

	Boys.	Girls.	Total.
Preparatory pupils	66	56	122
Grammar school pupils	90	82	172
Primary pupils	32	19	51
Total	188	157	345
Grand total	593	1,961	2,554

IOWA STATE NORMAL SCHOOL.

CLASSIFICATION OF STUDENTS, 1905.

REGULAR COURSES.

	Gentle- men.	Ladies.	Total.
Professional.....	3	3	6
Fourth year class.....	34	24	58
Third year class.....	36	60	96
Second year class.....	47	132	179
First year class.....	97	521	618
Unclassified summer term students.....	35	381	416
Special students.....	8	36	44

HIGH SCHOOL GRADUATE COURSES.

Bachelor of arts class.....	5	4	9
Third year class.....	25	38	63
Second year class.....	34	184	218
First year class.....	36	304	340
Total Normal students.....	360	1,687	2,047

TRAINING DEPARTMENT.

	Boys.	Girls.	Total.
Preparatory pupils.....	65	59	124
Grammar school pupils.....	79	63	142
Primary pupils.....	26	20	46
Kindergarten pupils.....	29	19	48
Total.....	199	161	360
Grand total.....	559	1,848	2,407

For the information of the general assembly a plat of the Iowa State Normal School grounds, embracing forty acres, is here submitted. This plat represents the campus as it will appear when the plans of the Board of Trustees for the complete equipment of the school have been fully carried out.

All of the buildings appearing upon the plat have been erected except the library, physics and chemistry building, the science building, the manual training building, the superintendent's cottage and the greenhouse. The platting and grading of the campus has been completed and walks and drives have been provided as shown by the plat. During the two years just past, 800 trees, embracing nearly all the native trees of Iowa, have been planted and are now in a healthy growing condition. A plat of ground has also been set apart in which many of the shrubs, vines and wild flowers of Iowa are being cultivated. The drives on the campus need to be curbed, gutters and underground conduits need to be constructed to carry away surface water. The street on the north side of the campus and the improved portion of the street on the east side ought to be paved.

To enable the Board of Trustees to equip the Normal School as advised in the biennial report of President Seerley, which is submitted herewith, and to provide the teachers of Iowa with the training and education which their vocation requires, the Board of Trustees request that in behalf of the Normal School the millage tax of one-tenth of a mill be extended for a period of five years beginning with the date of the expiration of the millage tax, now being collected.

And to enable the Board of Trustees to successfully develop all of the departments of the school, to increase the salaries of deserving teachers, and to employ additional teachers, the following appropriations are requested:

1. Building, repair and equipment fund, tax of one-tenth of a mill annually beginning with the expiration of the present millage tax.
2. For teachers' fund, additional annually.....\$ 10,000
3. For summer term fund, additional annually... 2,000
4. Library fund, additional annually 2,500
5. Librarian fund, additional annually..... 2,500
6. For paving and improving grounds for two years... 3,000

It affords the Board of Trustees a great pleasure to be able to commend the faithful and efficient work done by all the teachers, officers and employes of the Normal School during the last biennial period.

The respective reports of President Seerley and the secretary and treasurer of the school are herewith submitted.

The Board of Trustees of Iowa State Normal School, by its committee:

I. J. McDUEFIE.

REPORT OF THE PRESIDENT

IOWA STATE NORMAL SCHOOL.

REPORT OF THE PRESIDENT.

To the Board of Trustees, Iowa State Normal School:

GENTLEMEN—I have the honor to present herewith the fifteenth biennial report of the State Normal School for the period ending June 30, 1905.

HOMER H. SEERLEY,
President.

Cedar Falls, Iowa, July 1, 1905.

I. THE PROGRESS AND DEVELOPMENT OF THE SCHOOL DURING THE BIENNIAL PERIOD.

1. *Remarks upon the Statistics.*

The teaching force of Iowa is constantly depleted by transfer to other lines of work where remuneration is larger or where the future promise of permanency is more encouraging. Prosperity in all lines of business is felt more positively and more certainly in every other vocation than teaching. The salaries paid for educational service in the year 1905 are but little higher than when the hard times were existing, while the cost of living in every line is at high water mark. This condition is a fact that can easily be verified and the result is that many successful teachers abandon the work permanently and many others are temporarily withdrawn to assist in lines where the service is less exacting and the prospects for recognition more certain.

The biennial period covered by this report has been one of unusual business prosperity and development. The need for workers has been evidenced on every hand, salaries have continually advanced, opportunities have been remarkably great, while promotion and prominence have been exceptionally rapid and definite. Men and women with distinction as teachers have found unusual chances to leave the service of the public with its discouraging controversies and brief tenure and accept duties less arduous and more peaceful with business opportunities that increase with experience. This depletion in the ranks of the teachers has opened up a demand for successors that were less experienced, less trained, and less competent, and, hence, great numbers of new teachers have found employment who would have been compelled in former years to submit to a more strenuous competition. This has withdrawn from the enrollment of the Normal School at the close of each term many under-graduates who had intended to complete their courses but who found the demand for their services so encouraging that they were unable to refuse the opportunity offered. It has also prevented an increase in the number of new students, since it has also been

unusually easy to secure employment as teachers in good schools without much or any experience and with little or no training in teachers' schools.

A second element that has interfered with the increasing of the enrollment of the period has been the large attendance of the teachers of Iowa at the World's Fair held at St. Louis. It was a great privilege to attend this great exposition, a privilege that meant more to teachers than to any class of other citizens. Since many teachers depend upon their meager savings to continue their education, it became necessary for them to make a choice between going to the World's Fair or attending school, and in most instances, the World's Fair received first consideration as the education obtainable at the Normal School was more easily postponed. This was notably true for the summer session of 1904, the enrollment lacking a great deal of its natural number. So was the enrollment of the fall and spring of 1904, all of which were disturbed by the attractions of the exposition. This is not mentioned for criticism but to give the true explanation for the causes that prevented the customary development in the number of students reported from period to period. The correspondence of the office showed that many individuals whose original plans were to become students found it desirable to change their arrangements, go to the Fair and teach the following year.

2. The Development of the Period in Departments.

While the increase of the enrollment was thus checked for a time, yet the progress in the development of the work of the School has been quite notable, since the efforts undertaken to adapt the work of the preparation of teachers more in conformity to the needs of the people have been decided and commendable. The new departments,—kindergartning, manual training and domestic science, have been carefully organized, fairly equipped and reasonably well started, so that superior opportunities in these practical lines have been provided and the prospects for the future are exceedingly encouraging. It is true that much better provisions must be made in the near future to give these new departments permanent and properly planned rooms in specially constructed buildings, yet for the few months in which they have been conducted, genuine progress and success have been attained and public appreciation has been plainly

shown. Following the instruction of the Trustees, the Faculty has made provision for granting special diplomas to music teachers, drawing teachers, manual training teachers, domestic science teachers, kindergartners, and physical training teachers, each particular kind to receive such a diploma as definitely recommends said graduate for the special kind of teaching they are thoroughly prepared to do. This leaves to the former diplomas, their exact province in scholarship and training they have represented for years and gives equivalent recognition to those who are trained for special fields of teaching that have thus far been treated as subordinate and transitory.

In the line of advanced scholarship the Normal School now confers the diploma Bachelor of Arts in Education, the requirements for such recognition being (1) entrance conditions—graduation from a good high school, and (2) graduation conditions—four years of work at the Normal School, said work to consist of the various arts and sciences commonly considered as constituting a liberal education, including a thorough and careful study of the professional and technical phases that are essential to an educational career. This is not in the line of assuming the prerogatives of a college or a university but is in conformity to the need of preparing the most competent teachers for all grades and classes of public schools—the statutory province determined in 1876 by the general assembly for the Normal School. This diploma, Bachelor of Arts in Education, was adopted by the first board of trustees at the organization of the Normal School in 1876 and is not a recent invention as some inquirers have supposed, the first board of trustees recognizing thus the province of the school as outlined in the founding act of the general assembly as including the entire scope of scholarship and training that is definitely required for entrance upon a professional career as a teacher.

3. *What is Training a Teacher.*

It should be recognized, of course, that the Normal School must have special fitness in its students and prospective capability to do the work required in its training classes if it is to accomplish the fitting of teachers for the public schools. There is naturally much difference in the suitability and the capability of persons who will conclude to devote themselves to the teaching career. This special suitability and capability manifests

itself to instructors and to students as the work of preparation progresses. There is no such a thing as determining the particular career and province of an individual by the degree of scholarship possessed. Primary teachers and kindergartners are not such because of certain attainments in scholarship. The personality, the character, the mental peculiarities, the individual tastes and capabilities that are innate determine the person to be a kindergartner or a primary teacher. It is the same with those who will make pronounced success with grammar grade schools or with high schools, they must have personal fitness and conditional adaptability to the particular work and should this not exist the would-be teacher soon learns the fact from experience, abandons the schoolroom and enters a vocation more in harmony with fitness and personal capability. Taking a collegiate course does not of itself make a high school teacher as the other requisites have decisive and paramount value. It is for this reason that normal schools can not successfully devote themselves to training primary teachers alone, or grammar grade teachers alone, or music teachers alone, since the student who comes to prepare for public work in the teaching profession should have extended to him the privilege of being trained for that particular field of public school teaching for which his individual fitness gives him the greater chance for success and for which his capability guarantees for him the best services to the public.

4. *The Revision of the Public School Curriculum.*

The public school course of study needs more attention than is commonly accorded it. There is a theory abroad that the public schools are nearly perfect as regards plan and detail of organization, and that it is the worst kind of pessimism to ask for their reorganization and readjustment. As a matter of fact there is greater need for revision of the course of study than there is for thoroughness, for better methods, for more branches or for newer lines of work. Too long has the teacher proceeded on the theory that the people alone must determine the course of study that is to be taught in the public schools and that the teacher's sole province is the invention and the practice of method. Too long has it been assumed that the people know exactly what they want, when they want it done and to what ages of children they desire this assignment given, for by so doing it has been accepted that everything is right and the people

have not demanded that their own interests and the interests of their children should receive actual and sensible consideration in the education conducted by the public schools. Too long have the people accepted the statutes determining the qualification of a teacher as more or less divine because they are law and custom since by so doing they have overvalued certain so-called elementary branches found in the customary curriculum and have regarded these as absolutely essential to intelligent living and to a successful career. These fallacious theories have placed arithmetic, English grammar, systematic history, scientific physiology, and other advanced studies in the everyday course of study of the elementary schools and have compelled teachers to endeavor to instruct children in these abstruse lines when they are unfitted by age or by mental development to comfortably and satisfactorily pursue such work. It is also true that the kinds of arithmetic, history, grammar, geography and physiology that are commonly designated as proper work for the higher grades of the elementary school is too difficult in character and too lacking in adaptability to children's minds and interests to have a right to a place in the work to be undertaken during these formative and early years. To meet these untoward conditions the Normal School has undertaken such experiments as are necessary to permit a sane and practicable revision of the public school curriculum and has reached such remarkable success in working out the difficult problem that it is now evident that nearly two years of time may be saved each pupil and much worry, dread and dissatisfaction of both parents and pupils can be entirely relieved. These advanced subjects, in so far as necessary, can be given brief attention later in the education of a child when he is by development mentally able for them and he can be permitted to substitute suitable studies that please his interests, develop his powers and train his faculties for a more successful studentship. So far as the improvement of the work of the public schools is concerned, no one thing that the Normal School has ever undertaken gives as much assured promise of accomplishing a work that will be definitely helpful to school administration.

THE FUTURE OF THE SCHOOL AND ITS NEEDS.

1. *The Buildings Used at Present.*

During the period the gymnasium has been completed, the power house erected, and a complete system of heating and ventilating has been installed. At the opening of the fall term in 1905 every class room will have temperature regulation, mechanical ventilation by fans and sanitary conditions that are exceptionally commendable as regards the health and comfort of all the teachers and students. These modern things are the true essentials for good schools in a climate such as Iowa has and in schools where the numbers enrolled make contagion through disease a possibility if not a constant menace. The construction and the equipment of the gymnasium has had in mind the furnishing to the public schools of a race of teachers who will have the best physique, the most healthful bodies and the largest personal fitness for the arduous and difficult work of teaching. The limited experience permitted by the biennial period already shows that scientific instruction in health, proper and systematic daily exercise, united with suitable bathing facilities, established a decided difference for the better in the daily health and regular work of the students. The capacity and the kind of apparatus accepted in the installation of the gymnasium will give such daily work to the students for their immediate good and will also prepare them to carry much of this special education and training into the schools where they will be assigned to teach.

2. *The Buildings to Be Yet Erected.*

It is the intention of the management to devote the next biennial period to the construction of one building for physics and chemistry and allied subjects, and another building for a library. Both of these lines of work are today inadequately provided with suitable opportunity to do the work required. The rooms occupied for class rooms, laboratories and experimental purposes by the teachers of physical science were never planned for the purpose and can not be made suitable for the doing of the best work of these departments. It is for this reason that it has been determined to use the rest of the millage

fund already provided by the general assembly in the erection and equipping of these two buildings, and to that end the power house has been erected and the other preparatory plans have been completed. This will not give to the Normal School all the buildings that are needed to give it a completed plant for the work it has to do. There is next great necessity to erect a modern building in which will be installed the shops, the work rooms, the laboratories and the class rooms for manual training and domestic science. There is no need to state the fact that the demand for teachers who can direct the organization and management of systems of manual training is now at hand. It is apparent to every one that this is the present day problem of the public school. The Normal School must have such an addition to its present plant before it will be able to fully meet the demand, as nothing already built is suitable or can be made suitable for the peculiar work required. Early provision should, therefore, be made by the state, and the general assembly should be informed regarding the situation. In like manner, there must be provided at an early a day as possible, a suitable building for natural science. In these days of modern scientific methods of instruction in education, the museum, the laboratory, the lecture hall and the class room are all necessary. There is no worthy scientific instruction that does not partake of these elements of investigation, definite instruction and actual training. The text-book method in science was once considered excellent but that day has long since passed, and the needs of successful training in the practical teaching of science calls for daily contact with the specimen in the museum and in the laboratory. A Normal School does not need less of these things because it is a normal school. If its work is recognized at all as of supreme importance to the people, it should have even more equipment than other higher institutions of learning, because teachers must learn to do things individually, and in no other way is this instruction possible unless the facilities are provided and the conditions imposed be fully met.

3. *The Teacher Question is the Business Question.*

It is not buildings and equipments after all that are essential conditions to be provided for the making of a great normal school. These equipments and facilities are the easiest of all to secure. That they are of great utility must not be forgotten but

they are not likely to be forgotten because a progressive people believes heartily in excellent buildings and modern equipments. They are proud of the material evidence of progress and of their wealth, prosperity and enterprise. They are ever ready, therefore, to regard that which is thus able to be apparent to the eye because buildings and equipments appeal to everyone as indications of accomplishment. It should not be forgotten, however, that great teachers are the necessary factor in all great schools. There is no substitute for this kind of excellence, for such capability and decided superiority in the faculty, and for that reason, the greatness, the distinction and the efficiency of a teaching body must always receive first attention. To meet these necessary conditions the management of the Normal School has done all it could with the resources at its command. It recognizes that it could have done better if it could grant more liberal salaries to its teachers and was free to go into the market and employ only the very best teachers, recognizing their talents, scholarship and capabilities by granting them such an income as such distinction honestly deserves. The talented teacher is an absolute necessity to the success of the work to be done and every reasonable inducement should be made to give him a chance to enter the profession of teaching and devote himself to it with earnestness and sincerity without feeling that the vocation is handicapped by lack of appreciation and by lack of income. A teacher's growth is generally prevented by his income being so small as to confine him to a narrow environment and to limited chances for additional improvement. The teaching life in the higher lines of the profession calls for large original investment and for large continual expenditures if progress and success are to be long possible. If these possibilities are not accepted then the teacher becomes dwarfed, his services from year to year decline in importance and value and his usefulness is more and more limited. For these reasons there must be better salaries paid if the leadership in education supposed to be granted the Normal School by its present status and endorsement is maintained. It is economy to have the best in such great lines and the best men and women are none too good to have a part in the training of those who are to train the next generation of citizens of the republic.

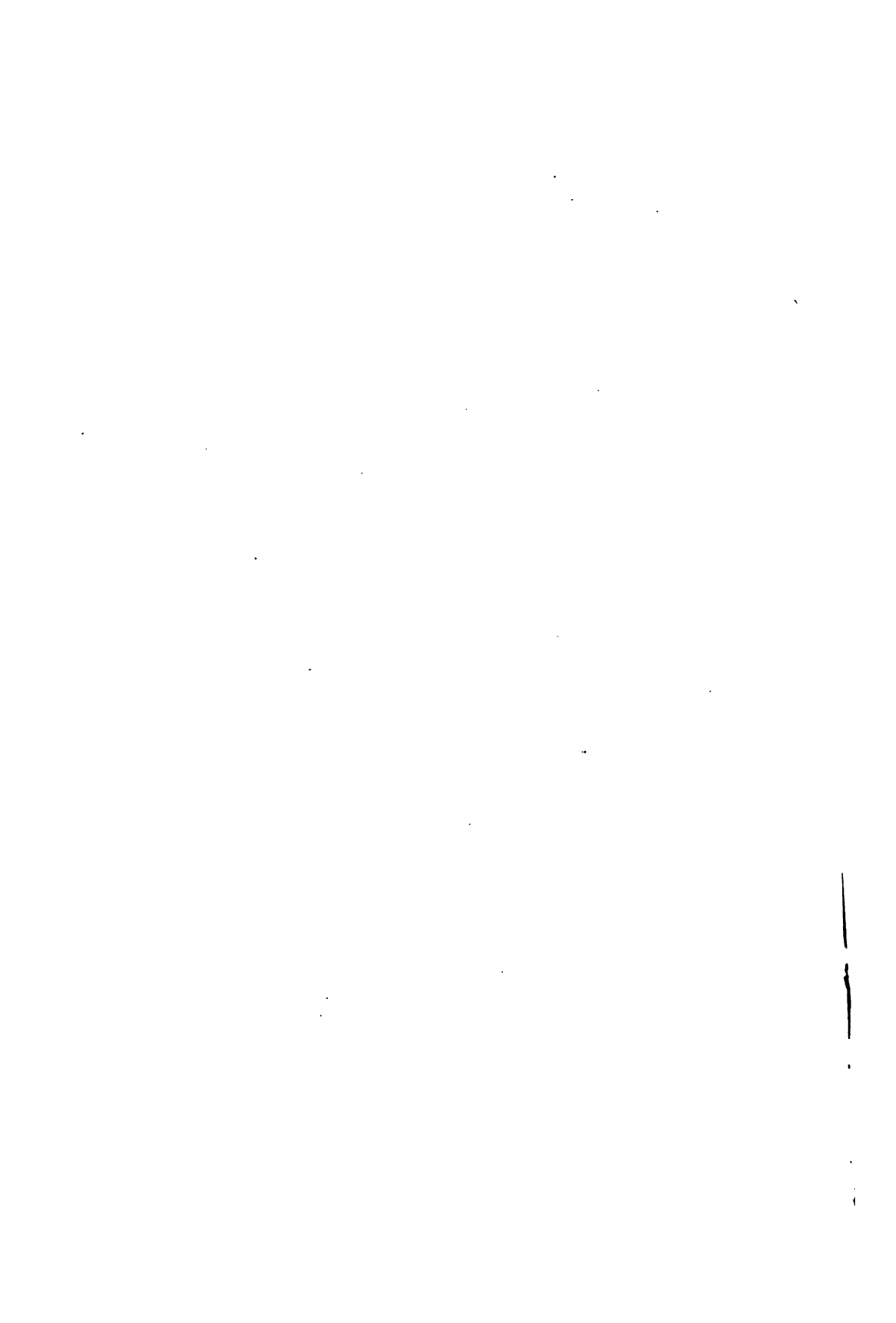
4. *What of the Future.*

There is nothing but encouragement in the outlook. The progress made possible by the liberality of the general assembly and by the kind and appreciative support of the people, the equipment that is being gradually provided, the buildings already in use are so well adapted to the work, as a whole, the plans for the future are so promising of notable results, the student body is so enthusiastic and so talented, the teaching corps is so self sacrificing and so earnest, the results are so large and so generally commendable that everything seems to contribute to the making of the Normal School one of the most positive factors in public school educational progress and development that is found in the United States.

Respectfully submitted,

HOMER H. SEERLEY,

President.



REPORT OF THE SECRETARY

REPORT OF SECRETARY.

To the Board of Trustees of the Iowa State Normal School:

GENTLEMEN—I herewith submit a summary of the orders issued by me on the several funds for the biennial period ending June 30, 1905:

TEACHERS' FUND.

Orders issued during 1903-04.....	\$ 67,517.77	
Orders issued during 1904-05.....	80,974.72	
Total		\$ 148,492.49

STUDENTS' CONTINGENT FUND

Orders issued during 1903-04	\$ 14,000.00	
Orders issued during 1904-05	10,463.89	
Total		\$ 24,463.89

LIBRARY FUND.

Orders issued during 1903-04	\$ 1,952.75	
Orders issued during 1904-05	2,396.82	
Total		\$ 4,349.57

LIBRARIANS' SALARY FUND.

Orders issued during 1903-04	\$ 1,962.46	
Orders issued during 1904-05	2,510.67	
Total		\$ 4,473.13

SUMMER TERM FUND.

Orders issued during 1903-04	\$ 10,000.00	
Orders issued during 1904-05	12,243.00	
Total		\$ 22,243.00

REPORT OF THE BOARD OF DIRECTORS

SUMMER CONTINGENT FUND.

Orders issued during 1903-04	\$ 5,446.75	
Orders issued during 1904-05	4,751.05	
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Total		\$ 10,197.80

BUILDING FUND.

Orders issued during 1903-04	\$ 66.00	
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REPAIR FUND.

Orders issued during 1903-04	1,389.38	
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MILITARY INSTRUCTION FUND

Orders issued during 1903-04	\$ 380.36	
Orders issued during 1904-05	471.52	
	<hr/>	
Total		\$ 851.88

CONTINGENT FUND.

Orders issued during 1903-04	\$ 26,196.07	
Orders issued during 1904-05	35,689.82	
	<hr/>	
Total		\$ 61,885.89

COMMENCEMENT CONTINGENT FUND.

Orders issued during 1903-04	\$ 195.15	
Orders issued during 1904-05	584.93	
	<hr/>	
Total		\$ 780.08

FURNISHING FUND.

Orders issued during 1903-04	\$ 1,530.17	
Orders issued during 1904-05	319.97	
	<hr/>	
Total		\$ 1,850.14

ROOFING FUND.

Orders issued during 1903-04	195.90	
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ADDITIONAL BOILER FUND.

Orders issued during 1903-04	217.14	
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STATE NORMAL SCHOOL AT CEDAR FALLS.

49

GRADING FUND.

Orders issued during 1903-04	\$	246.62
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PAVING FUND.

Orders issued during 1903-04....		3,000.00
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MILLAGE FUND.

Orders issued during 1903-04	\$	65,687.28
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Orders issued during 1904-05....		75,948.54
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Total.....	\$	141,635.82
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ENGINEER, FIREMAN AND WATCH FUND.

Orders issued during 1903-04....	\$	1,120.00
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Orders issued during 1904-05.....		130.00
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Total.....	\$	1,250.00
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FUEL FUND.

Orders issued during 1903-04	\$	3,750.00
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GRADING PAVING AND WALKS FUND.

Orders issued during 1903-04	\$	634.67
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Orders issued during 1904-05....		363.85
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Total	\$	1,998.52
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SUMMARY OF ORDERS ISSUED.

Teachers' fund.....	\$	148,492.49
Students' contingent fund.....		24,463.89
Library fund.....		4,349.57
Librarians' salary fund.....		4,473.13
Summer term fund.....		22,243.00
Summer contingent fund.....		10,197.80
Building fund.....		66.00
Repair fund.....		1,389.38
Military instruction fund.....		851.88
Commencement contingent fund.....		780.08
Contingent fund.....		61,885.89
Furnishing fund.....		1,850.14
Roofing fund.....		195.90
Additional boiler fund.....		217.14
Grading fund.....		246.62
Paving fund.....		3,000.00

REPORT OF THE BOARD OF DIRECTORS

Millage fund.....	\$ 141,635.82
Engineer, fireman and watch fund.....	1,250.00
Fuel fund	3,750.00
Grading, paving and walks fund.....	1,998.52

Total.....	\$ 433,337.25
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Respectfully submitted,

ALFRED GRUNDY,
Secretary.

REPORT OF THE TREASURER

REPORT OF TREASURER OF IOWA STATE NORMAL SCHOOL.

FOR BIENNIAL PERIOD ENDING JUNE 30, 1905.

1903.
June 30. Balance on hand..... \$ 13,808.71

RECEIVED IN CONTINGENT FUND.

July 25.	H. H. Seerley.....	\$ 32.00
Sept. 4.	Warrant No. 7287 (State).....	1,250.00
Sept. 4.	Warrant No. 7282 (State).....	2,250.00
Sept. 19.	Transferred from summer contingent fund.....	2,236.50
Oct. 5.	State warrant No. 8037.....	1,250.00
Nov. 28.	H. H. Seerley.....	62.62
Dec. 2.	State warrant No. 9406.....	2,250.00
Dec. 2.	State warrant No. 9407.....	1,250.00
Dec. 9.	Transferred from roof fund—error September 28th	57.75
Dec. 18.	Transferred from students' contingent fund.....	2,500.00

1904.

Jan. 8.	State warrant No. 10279.....	1,250.00
Feb. 26.	State warrant No. 12085.	2,250.00
Feb. 26.	State warrant No. 12086.....	1,250.00
Mch. 11.	H. H. Seerley.....	44.90
April 6.	State warrant No. 13671.....	1,250.00
April 7.	Order No. 134 on librarian salary fund.....	54.00
May 6.	Warrant No. 14825 (State).....	2,250.00
May 6.	State warrant No. 14826.....	1,250.00
May 24.	From fuel fund.....	3,630.00
May 24.	From engineer and fireman fund	800.00
June 3.	State warrant No. 15457	1,250.00
June 9.	H. H. Seerley.....	13.85
July 30.	H. H. Seerley.....	19.35
Aug. 1.	State warrant No. 16922	1,250.00
Sept. 3.	State warrant No. 17693.....	2,250.00
Oct. 3.	State warrant No. 18318.....	3,750.00
Oct. 3.	State warrant No. 18315.....	1,250.00
Oct. 3.	State warrant No. 18314.....	1,250.00
Nov. 29.	H. H. Seerley.....	22.93
Dec. 3.	State warrant No. 3	2,250.00
Dec. 6.	State warrant No. 43.....	1,250.00

REPORT OF THE BOARD OF DIRECTORS

1905.

Jan.	4.	State warrant No. 727..	\$ 3,750.00
Jan.	4.	State warrant No. 729...	1,250.00
Jan.	4.	State warrant No. 1787.....	2,250.00
Mch.	10.	State warrant No. 2516.....	1,250.00
Mch.	17.	H. H. Seerley.....	116.22
Mch.	31.	Order No. 242 from teachers' fund...	2,386.39
Apr.	4.	State warrant No. 3186.....	3,750.00
Apr.	4.	State warrant No. 3188.....	1,250.00
June	2.	State warrant No. 4823.....	2,250.00
June	2.	H. H. Seerley.....	72.87
June	20.	State warrant No. 5291.....	1,250.00
June	20.	State warrant No. 5292.....	3,750.00
June	27.	School district No. 5.....	348.91

Total..... \$ 65,398.29

RECEIVED IN COMMENCEMENT CONTINGENT FUND.

1903.

Aug.	18.	H. H. Seerley.....	\$ 16.00
Sept.	7.	H. H. Seerley.....	188.00
Nov.	28.	H. H. Seerley.....	53.00

1904.

Mch.	11.	H. H. Seerley.....	38.00
June	29.	H. H. Seerley	14.00
June	29.	H. H. Seerley	31.00
July	30.	H. H. Seerley	30.00
Aug.	29.	H. H. Seerley	115.44
Oct.	24.	H. H. Seerley	161.00

1905.

March	13.	H. H. Seerley	30.00
June	2.	H. H. Seerley	99.00
June	10.	H. H. Seerley	216.70
June	30.	H. H. Seerley	44.00

Total..... \$ 1,036.14

RECEIVED IN ENGINEER, FIREMAN AND WATCHMAN FUND.

1904.

April	19.	State warrant No. 14191.....	\$ 1,250.00
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RECEIVED IN FUEL FUND.

1903.

April	19.	State warrant No. 14192.....	3,750.00
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RECEIVED IN GRADING AND PAVING FUND.

1904.

May	12.	State warrant No. 14939.....	\$ 750.00
Oct.	3.	State warrant No. 18320.....	750.00

1905

April	4.	State warrant No. 3189.....	750.00
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Total..... \$ 2,250.00

RECEIVED IN LIBRARY FUND.

1903.		
July 25.	H. H. Seerley	\$ 4.80
Oct. 5.	State warrant No. 8036.....	375.00
Nov. 28.	H. H. Seerley	22.45
Dec. 9.	Order No. 90, transferred from contingent fund to correct error of November 30th.....	14.25
Dec. 21.	State warrant No. 9833.....	375.00
1904.		
March 11.	H. H. Seerley	43 30
April 16.	State warrant No. 14140.....	750.00
June 9.	H. H. Seerley	31.05
July 30.	H. H. Seerley	9.00
Sept. 3.	State warrant No. 17444.....	1,250.00
Nov. 29.	H. H. Seerley	21.35
1905.		
Jan. 4.	State warrant No. 726.....	625.00
March 13.	H. H. Seerley	31.65
April 4.	State warrant No. 3191.....	625.00
June 2.	H. H. Seerley	31 45
Total		\$ 4,209.30

RECEIVED IN LIBRARIAN'S SALARY FUND.

1903.		
Sept. 4.	State warrant No. 7285.....	\$ 500.00
Dec. 2.	State warrant No. 9408	500.00
1904.		
Feb. 26.	State warrant No. 12089.....	500.00
April 16.	State warrant No. 14139.....	500.00
Sept. 3.	State warrant No. 17443	1,250.00
1905.		
Jan. 4.	State warrant No. 725.....	625.00
April 4.	State warrant No. 3190.....	625.00
Total		\$ 4,500.00

RECEIVED IN MILITARY DRILL FUND.

1903		
Sept. 4.	State warrant No. 7286.....	\$ 200.00
1904		
Feb. 9.	State warrant No. 11477.....	200.00
June 3.	State warrant No. 15456	400.00
Total.....		\$ 800.00

REPORT OF THE BOARD OF DIRECTORS

RECEIVED IN MILLAGE FUND.

1903		
Aug. 3.	State warrant No. 3.....	\$ 3,000.00
Aug. 19.	State warrant No. 4.....	5,000.00
Sept. 14.	State warrant No. 5.....	4,000.00
Oct. 5.	State warrant No. 6.....	5,000.00
Nov. 11.	State warrant No. 7.....	5,000.00
Dec. 2.	State warrant No. 8.....	5,000.00

1904		
Jan. 8.	State warrant No. 9.....	5,000.00
Feb. 9.	State warrant No. 10.....	5,000.00
March 17.	State warrant No. 11.....	8,000.00
April 16.	State warrant No. 12.....	5,000.00
May 6.	State warrant No. 13.....	5,000.00
May 28.	State warrant No. 14.....	5,000.00
June 3.	State warrant No. 15.....	10,000.00
July 8.	State warrant No. 16.....	5,000.00
Aug. 1.	State warrant No. 17.....	1,350.00
Oct. 10.	State warrant No. 18.....	2,000.00
Oct. 20.	State warrant No. 19.....	5,000.00
Oct. 26.	State warrant No. 20.....	5,000.00
Oct. 26.	State warrant No. 21.....	5,000.00
Nov. 8.	State warrant No. 22.....	5,000.00
Nov. 18.	State warrant No. 23.....	2,000.00
Dec. 1.	H. H. Seerley.....	79.75
Dec. 19.	State warrant No. 24.....	2,000.00

1905		
Jan. 23.	State warrant No. 25.....	1,500.00
March 13.	State warrant No. 26.....	2,500.00
March 24.	State warrant No. 27.....	2,500.00
April 21.	State warrant No. 28.....	5,000.00
April 24.	State warrant No. 29.....	5,000.00
April 24.	State warrant No. 30.....	5,000.00
April 27.	State warrant No. 31.....	5,000.00
May 8.	H. H. Seerley.....	3.95
May 11.	State warrant No. 32.....	5,000.00
May 11.	State warrant No. 33.....	2,500.00
June 2.	State warrant No. 34.....	2,800.00

Total..... \$ 139,233.70

RECEIVED IN REPAIR FUND.

1903		
Oct. 5.	State warrant No. 8035.....	\$] 750.00
May 2.	Transferred from Millage Fund.....	109.23

Total..... \$ 859.23

STATE NORMAL SCHOOL AT CEDAR FALLS.

57

RECEIVED IN STUDENT'S CONTINGENT FUND.

1903		
Sept. 1.	H. H. Seerley.....	\$ 3,315.00
Sept. 2.	H. H. Seerley.....	740.00
Sept. 7.	H. H. Seerley.....	115.75
Sept. 18.	H. H. Seerley.....	442.30
Nov. 28.	H. H. Seerley.....	166.45
Dec. 1.	H. H. Seerley.....	2,885.00
Dec. 2.	H. H. Seerley.....	1,585.00
Dec. 11.	H. H. Seerley.....	511.50
1904		
Jan. 9.	H. H. Seerley.....	258.35
March 11.	H. H. Seerley.....	141.40
March 15.	H. H. Seerley.....	1,820.00
March 16.	H. H. Seerley.....	1,520.00
March 17.	H. H. Seerley.....	400.00
March 25.	H. H. Seerley.....	275.00
June 9.	H. H. Seerley.....	398.70
Aug. 30.	H. H. Seerley.....	2,765.00
Aug. 31.	H. H. Seerley.....	820.00
Sept. 2.	H. H. Seerley.....	345.00
Sept. 14.	H. H. Seerley.....	340.00
Nov. 29.	H. H. Seerley.....	2,572.65
Dec. 1.	H. H. Seerley.....	2,140.00
1905		
March 13.	H. H. Seerley.....	863.95
March 15.	H. H. Seerley.....	3,525.00
March 17.	H. H. Seerley.....	425.00
May 8.	H. H. Seerley.....	700.00
June 2.	H. H. Seerley.....	47.90
Total.....		\$ 29,118.95

RECEIVED IN SUMMER CONTINGENT FUND.

1903		
July 25.	H. H. Seerley.....	\$ 148.00
Dec. 9.	Transferred from Commencement Contingent Fund on account of error in Voucher 115, Sept. 11th...	2.35
1904		
June 11.	H. H. Seerley.....	1,560.00
June 13.	H. H. Seerley.....	1,670.00
June 14.	H. H. Seerley.....	515.00
June 18.	H. H. Seerley.....	323.00
June 29.	H. H. Seerley.....	540.10
July 30.	H. H. Seerley.....	142.95
1905		
June 10.	H. H. Seerley.....	1,625.00
June 12.	H. H. Seerley.....	2,170.00
June 13.	H. H. Seerley.....	735.00
June 30.	H. H. Seerley.....	938.60
Total.....		\$ 10,370.00

REPORT OF THE BOARD OF DIRECTORS

RECEIVED IN TEACHERS' FUND.

1903.		
Sept.	4.	State warrant No. 7283.....\$ 7,125.00
Sept.	4.	State warrant No. 7284..... 4,125.00
Oct.	5.	State warrant No. 8038..... 1,875.00
Dec.	2.	State warrant No. 9404..... 7,125.00
Dec.	2.	State warrant No. 9405..... 4,125.00
Dec.	18.	From students' contingent fund..... 7,000.00
1904.		
Jan.	8.	State warrant No. 10280..... 1,875.00
Feb.	26.	State warrant No. 12087..... 4,125.00
Feb.	26.	State warrant No. 12088..... 7,125.00
April	6.	State warrant No. 13672..... 1,875.00
May	6.	State warrant No. 14828..... 7,125.00
May	2.	Transferred from students' contingent fund..... 4,500.00
May	6.	State warrant No. 14827..... 4,125.00
June	3.	State warrant No. 15458..... 1,875.00
June	20.	School district No. 5..... 385.04
June	28.	Independent school district Cedar Falls..... 2,001.35
July	19.	Order No. 175, students' contingent fund..... 588.45
Aug.	1.	State warrant No. 16923..... 4,125.00
Sept.	3.	State warrant No. 17694..... 7,125.00
Oct.	3.	State warrant No. 18313..... 4,125.00
Oct.	3.	State warrant No. 18316..... 1,875.00
Oct.	3.	State warrant No. 18317..... 5,000.00
Dec.	3.	State warrant No. 2..... 7,125.00
Dec.	6.	State warrant No. 42..... 4,125.00
1905.		
Jan.	4.	State warrant No. 728..... 5,000.00
Jan.	4.	State warrant No. 730..... 1,875.00
Feb.	6.	Students' contingent fund order 231.. 6,000.00
Feb.	11.	State warrant No. 1786..... 7,125.00
March	10.	State warrant No. 2517..... 4,125.00
April	4.	State warrant No. 3185..... 5,000.00
April	4.	State warrant No. 3187..... 1,875.00
June	2.	State warrant No. 4822..... 7,125.00
June	20.	State warrant No. 5289..... 5,000.00
June	20.	State warrant No. 5290..... 1,875.00
June	22.	From students contingent fund..... 3,017.65

Total.....

\$ 148,492.49

RECEIVED IN SUMMER TERM FUND.

1903.	
Aug. 3.	State warrant No. 6500.....\$ 7,000.00
Sept. 19.	Transferred from summer contingent fund..... 3,000.00
1904.	
Aug. 1.	State warrant No. 16921..... 7,000.00
Sept. 30.	Transfer ordered by trustees September 22, 1904 5,243.00
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Total	\$ 22,243.00
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Total receipts	\$ 447,319.81

DISBURSEMENTS.

Orders paid on additional boiler fund.....\$	217.14
Orders paid on building fund.....	66.00
Orders paid on contingent fund.....	61,997.64
Orders paid on commencement contingent fund..	781.33
Orders paid on engineer, fireman and watchman fund.....	1,250.00
Orders paid on furniture fund.....	1,850.14
Orders paid on fuel fund.....	3,750.00
Orders paid on grading and paving fund	1,998.52
Orders paid on Grading fund.....	246.62
Orders paid on library fund	4,363.82
Orders paid on librarian's salary fund	4,473.13
Orders paid on military inspection fund.....	851.88
Orders paid on millage fund.....	141,635.82
Orders paid on paving fund	3,000.00
Orders paid on repair fund.....	1,389.38
Orders paid on roofing fund.....	195.90
Orders paid on summer term fund.....	22,243.00
Orders paid on students' contingent fund.....	24,463.89
Orders paid on summer contingent fund.....	10,200.15
Orders paid on teachers' fund	148,492.49
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Total disbursements.....	\$ 433,466.85
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Leaving balance cash on hand.....	\$ 13,852.96

REPORT OF THE BOARD OF DIRECTORS

Divided into funds as follows:

Additional boiler fund	\$ 15.13
Commencement contingent fund.....	285.52
Contingent fund.....	2,233.85
Grading and paving fund.....	251.48
Library fund.....	528.64
Librarian's salary fund.....	26.87
Millage fund.....	373.81
Students' contingent fund.....	4,669.06
Summer contingent fund.....	5,468.60
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• Total.....	\$ 13,852.96

All of which is respectfully submitted.

H. N. SILLIMAN,
Treasurer.

Cedar Falls, Iowa, July 15, 1905.

